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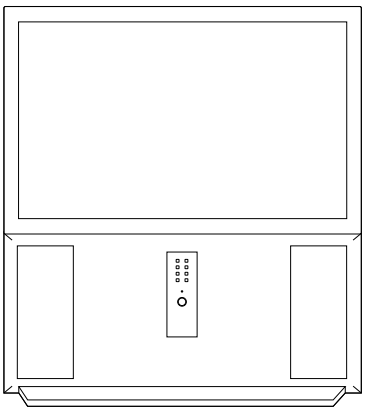
# TELEVISOR A COLORES
# MANUAL DE SERVICIO

**CHASIS : MP-03AA**

## MODELO : RP-44/54NA40PA

**ATENCIÓN**
Antes de dar servicio al chasis, lea las PRECAUCIONES DE SEGURIDAD en este manual.



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# ESPECIFICACIONES

POTENCIA DE ENTRADA .... AC100-240V~50/60Hz
CONSUMO DE ELECTRICIDAD .... 250W
IMPEDANCIA DE ENTRADA EN LA ANTENA .... VHF/UHF: 75 Ohmios desbalanceado (solamente.)
RANGO DE LOS CANALES
- 12 canales VHF.... Canales 2-13
- 56 canales UHF .... Canales 14-69
- 125 canales CATV .... Canales 01, 02 al 13, 14 al 125

FRECUENCIAS INTERMEDIAS
- Frecuencia Intermedia portadora de la Imagen .... 45.75MHz
- Frecuencia Intermedia portadora del Sonido .... 41.25MHz
- Frecuencia sub-portadora del color .... 42.17MHz
- Frecuencia del centro .... 44MHz

CONSTRUCCIÓN DEL CHASIS .... Chasis Estado Sólido ("solid state") I.C.

# ABREVIACIONES UTILIZADAS EN ESTE MANUA

AC .... Corriente alterna
ACC .... Control automático del croma
ADJ .... Ajuste
AFC .... Control automático de la frecuencia
AGC .... Control automático de ganancia
AF .... Audio Frecuencia
APC .... Control automático de fase
AMP .... Amplificador
CRT .... Tubo de rayos catódicos
DEF .... Deflexión
DET .... Detector
DY .... Yugo deflector ("deflection yoke")
ES .... Electrostáticamente sensible
FBP .... Pulso de retorno
FBT .... Transformador de retorno
GND .... Tierra
H.V. .... Alto Voltaje
ITC .... Centro intermedio de conmutación
OSC .... Osciloscopio
OSD .... Desplegado en pantalla ("ON SCREEN DISPLAY")
PCB .... Tablero del Circuito impreso
RF .... RADIO FRECUENCIA
SEP .... Separador
SYNC .... Sincronización
SVC .... Controles de volúmen de la pantalla
S.I.F. .... Frecuencia intermedia de sonido
V.I.F. .... Frecuencia intermedia del video
H .... Horizontal
V ....Vertical
IC .... Circuito integrado

# PRECAUCIONES DE SEGURIDAD

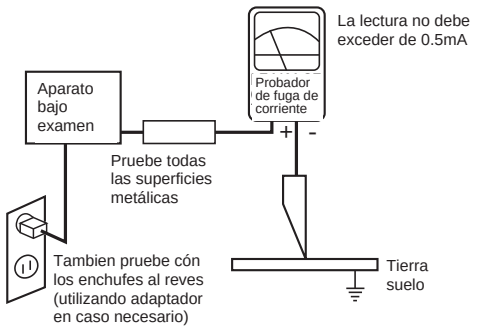
**ADVERTENCIA:** Antes de dar servicio a este chasis, lea "PRECAUCIONES RESPECTO A RADIACION POR RAYOS X", "INSTRUCCIONES DE SEGURIDAD" y "AVISO SOBRE SEGURIDAD DE PRODUCTOS"

## INSTRUCCIONES DE SEGURIDAD

1. Cuando el receptor está en operación, se producen voltajes potencialmente tan altos como 25,000-29,000 voltios. Operar el receptor fuera de su gabinete o con la tapa trasera removida puede causar peligro de choque eléctrico.
   (1) Nadie debe intentar dar servicio si no está debidamente familiarizado con las precauciones que son necesarias cuando se trabaja con un equipo de alto voltaje.
   (2) Siempre descargue el ánodo del tubo de la imagen a tierra para evitar el riesgo de choque eléctrico antes de remover la tapa del ánodo.
   (3) Descargue completamente el alto potencial del tubo de imagen antes de manipularlo. El tubo de la imagen es de alto vacío y, si se rompe, los fragmentos de vidrio salen despedidos violentamente.
2. Si se quemara algún fusible de este receptor de televisión, reemplácelo con otro especificado en la lista de partes.
3. Cuando reemplace tableros o plaquetas de circuitos, cuidadosamente enrolle sus alambres alrededor de las terminales antes de soldar.
4. Cuando reemplace un resistencia de vataje (resistor de película de óxido metálico) en el Tablero o Plaqueta de circuitos, mantenga la resistencia a un mínimo de 10mm de distancia.
5. Mantenga los alambres lejos de componentes de alto voltaje o de alta temperatura.
6. Este receptor de televisión debe conectarse a una fuente de 100 a 240 V AC.
7. Antes de devolver este aparato al cliente, haga una verificación de fuga de corriente sobre las partes metálicas del gabinete expuestas, tales como antenas, terminales, cabezas de tornillos, tapas de metal, palancas de control etc., para estar seguro de que el equipo funciona sin peligro de choque eléctrico. Enchufe el cordón directamente al tomacorriente de la línea de AC 100-240V.

No utilice una línea aislada de transformador durante esta verificación. Use un voltímetro de 1000 Ohmios por voltio de sensibilidad o más, en la forma que se describe a continuación.

Cuando la unidad está ya conectada a la AC, pulse el conmutador primero poniéndolo en "ON" (encendiendo) y luego en "OFF" (apagando), mida desde un punto de tierra conocido, tal como una (cañería de metal, una manija metálica, una tubería etc.) a todas las partes metálicas expuestas del receptor de televisión (antenas, manijas de metal, gabinetes de metal, cubiertas de metal, palancas de control etc.,) especialmente cualquiera de las partes metálicas expuestas que puedan ofrecer un camino hacia el chasis. Ninguna medición de corriente eléctrica debe exceder de 0.5 miliamperios. Repita la prueba cambiando la posición del enchufe en el tomacorriente. Cualquier medición que no esté dentro de los límites especificados aquí representan un riesgo potencial de choque eléctrico que debe ser eliminado antes de devolver el equipo al cliente.


La lectura no debe exceder de 0.5mA
Probador de fuga de corriente
Aparato bajo examen
+
-
Pruebe todas las superficies metálicas
Tambien pruebe cón los enchufes al reves (utilizando adaptador en caso necesario)
Tierra suelo

## AVISO SOBRE SEGURIDAD DE PRODUCTOS

Muchas de las partes, electricas y mecánicas en este chasis tienen caracteristicas relacionadas con la seguridad. Estas caracteristicas frecuentemente pasan desapercibidas en las inspecciones visuales y la proteccion que proporcionan contra la RADIACION DE RAYOS-X no siempre necesariamente se obtiene al mismo grado cuando se reemplazan piezas o componentes diseñados para voltajes o vatajes mayores, etc. Las piezas que tienen estas caracteristicas de seguridad se identifican por la marca ⚠ impresa sobre el diagrama esquematico y la marca ⋆ impresa en la lista de partes. Antes de reemplazar alguno de esos componente, lea cuidadosamente la lista de este manual. El uso de partes de reemplazo que no tengan las mismas caracteristicas de seguridad, como se especifica en la lista de partes, puede crear Radiacion de Rayos-X.

# INSTRUCCIONES DE AJUSTE

Estas instrucciones sólo se aplican al chasis MP-03AA/B.

## Notas

(1) Debido a que éste no es un chasis caliente, no es necesario utilizar un transformador aislante.
Sin embargo, el uso de un transformador aislante ayudará a proteger el instrumento de prueba.
(2) El ajuste debe realizarse en el orden correcto.
(3) El receptor debe ser operado por 60 minutos aproximadamente antes de efectuar el ajuste.
El pre-calentamiento debe ser efectuado recibiendo imágenes en movimiento o 100% de patrón blanco.

※ Nunca opere la UNIDAD por más de 10 minutos con una imagen fija debido a que el material fluorescente podría dañarse.

## 1. Ajuste de la Inclinación del Raster /Enfoque

### 1-1. Pasos preliminares

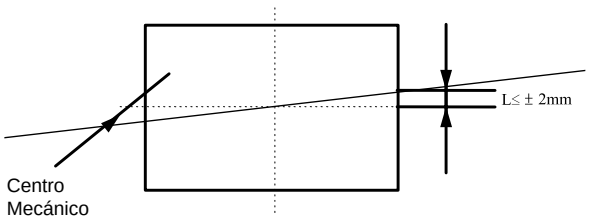
(1) Conecte la unidad y enciéndala.
(2) Reciba la señal.
(3) Seleccione el botón INSTART en el Control Remoto y luego seleccione “0 RASTER ADJ” moviendo el cursor o presionando el botón No. 0.
(4) Ajuste el Enfoque del Lente/Enfoque Eléctrico temporalmente.

※ Cuando seleccione el modo “0 RASTER ADJ” después de entrar al modo de ajuste con el botón INSTART, la convergencia se reinicia y se completa la preparación para el ajuste.

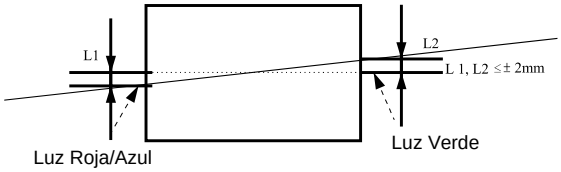
※ El reinicio de la convergencia es posible aún desde el modo de ajuste de la convergencia.
1) Entre en el modo de ajuste de la convergencia: Seleccione el botón INSTART en el Control Remoto y luego seleccione “3 CONVERGENCE” moviendo el cursor o usando el botón No..
2) Reinicio de la convergencia: después de presionar el botón No. 5, presione el botón ENTER.
3) Liberación del modo de ajuste: Presione el botón INSTART.

### 1-2. Ajuste

(1) Haga un raster Verde usando la cubierta del lente.
(2) Rote el DY Verde e incline la pantalla como en la figura de abajo.




(3) Haga un raster de 2 colores con Rojo o Azul y Verde.
(4) Coincida la pendiente del raster rojo y azul con la del verde.




Nota) 1. Cuando ajuste la pendiente del raster, afloje el DY y apriételo después del ajuste.
2. Nunca rote y ajuste el DY fijo sin haberlo aflojado.

(5) Después de completar el ajuste, salga del modo de ajuste RASTER usando el botón ENTER y salga del modo de ajuste SVC usando el botón INSTART.

※ Cuando libere el modo de ajuste RASTER usando el botón ENTER convierte el dato de la convergencia en el lugar automáticamente y el ajuste es completado.

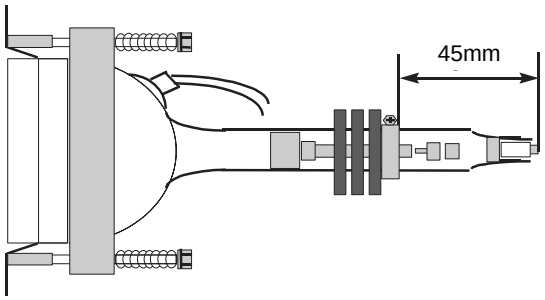
## 2. Ajuste de la Alineación del Rayo

### 2-1. Equipo de Prueba

Generador de Prueba de Video(801GF) o Generador de Señal que pueda producir patrón NTSC DOT(equipo 408NPS ó 5518/5418)

### 2-2. Pasos preliminares

(1) Caliente por más de 45 minutos.
(2) Pre-ajuste la pendiente del Raster, posición del Raster, Magneto de Centrado y enfoque del Lente.
(3) Verifique si el magneto está ubicado a 45mm del extremo del CRT.
(4) En el caso de estar utilizando un 801GF : Reciba el Patrón #13 DOT de modo VGA (Formato #5) a través del terminal de entrada de la PC.
En el caso de estar utilizando un generador NTSC : Reciba la señal Dot a través del terminal de entrada externo.

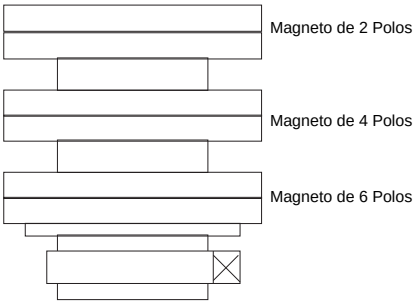


## 2-3. Ajuste del Magneto de 2 Polos

(1) Haga un Raster Verde usando la cubierta del lente.
(2) Verifique la posición central del patrón DOT en el centro de la pantalla después de girar el volumen de enfoque Verde hacia la izquierda.
(3) Gire el volumen de enfoque verde hacia la derecha y ajuste el magneto de 2 polos para que la posición coincida con la del ítem ”(2)”.
(4) Ajuste sin cambiar la pantalla girando el volumen de enfoque verde en dirección de las manecillas del reloj y en sentido contrario.
(5) Si la pantalla cambia, vuelva a ajustar (2)~(4).
(6) Utilice el mismo método en Rojo y en Azul.

## 2-4. Ajuste de la Forma del Rayo(Magneto de 4 y 6 polos)

(1) Realícelo después del ajuste del magneto de 2 polos.
(2) Haga un raster Verde usando la cubierta del lente y gire el volumen de enfoque hacia la derecha.
(3) Haga el punto en el centro un círculo perfecto usando el magneto de 4 y 6 polos.
(4) Utilice el mismo método en Rojo y en Azul.
(5) Apriete el Magneto después del ajuste.
(6) Ajuste el enfoque con precisión.




# 3. Ajuste del Magneto de Centrado

## 3-1. Pasos preliminares

(1) Reciba la señal de la imagen.
(2) Seleccione el botón INSTART en el Control Remoto y seleccione “0 RASTER ADJ” moviendo el cursor o usando el botón No..
(3) Cuando selecciona el modo de ajuste, se reinicia la convergencia automáticamente y la preparación para el ajuste está completa.

## 3-2. Ajuste

(1) Ejecute el ajuste de Magneto de Centrado Rojo, Verde y Azul.
Ubique el Magneto de centrado Verde en el centro.
(2) Aplicación del MONTAJE SGS THOMSON para CONVERGENCIA, ajuste el centro de la señal de la imagen Azul del centro de la señal de la imagen Verde 30±3mm de manera que alcance esta posición con el lado izquierdo, ajuste el centro de la señal de la imagen Roja del centro de la señal de la imagen Verde 30±3mm de manera que alcance esta posición con el lado derecho.
(3) Después de completar el ajuste, salga del modo de ajuste RASTER usando el botón ENTER y salga del modo de ajuste SVC usando el botón INSTART.

# 4. Ajuste de la Regulación de Alto Voltaje

## 4-1. Equipo de Prueba

Multímetro Digital(DMM)

## 4-2. Pasos preliminares

Seleccione el botón INSTART en el Control Remoto y luego seleccione “1 HIGH VOLTAGE ADJ” moviendo el cursor o usando el botón No..
(Ajuste manual : fije contraste/brillo a 0 (sin señal de A/V))

## 4-3. Ajuste

(1) Conecte el DMM al P415(+), P416(-) de la Placa de Deflexión.
(2) Ajuste el VR401 de manera que el voltaje del P415(+), P416(-) sea 21.7±0.1V. (Alto Voltaje 31.5KV)
(3) Después de completar el ajuste, salga del modo de ajuste High Voltage (Alto Voltaje) usando cualquier botón y salga del modo de ajuste SVC usando el botón INSTART.

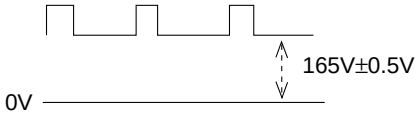
# 5. Ajuste de Corte(CUT-OFF) de Voltaje

## 5-1. Pasos preliminares

(1) Seleccione el botón INSTART en el Control Remoto y luego seleccione “2 SCREEN ADJ” moviendo el cursor o usando el botón No..
(2) El ajuste debe ser efectuado en un cuarto oscuro (cuarto oscuro sencillo)

## 5-2. Ajuste

(1) Equipo de Prueba: Osciloscopio, Sonda 100:1
(2) Conecte el osciloscopio al cátodo de R, G, B(R926R/B/G: AJUSTE de PANTALLA en el PCB) y GND(Tierra).
(3) Gire el Volumen de Pantalla(R/G/B) en el Focus Pack y ajuste R/G/B a 165V±0.5V.
(4) Después de completar el ajuste, salga del modo de ajuste RASTER usando el botón ENTER y salga el modo de ajuste SVC usando el botón INSTART.



# 6. Ajuste de Deflexión

## 6-1. Pasos preliminares

Después de ajustar NTSC primero, ajuste 1080i.

## 6-2. Ajuste NTSC

### (1) Pasos preliminares

1) Seleccione el botón INSTART en el Control Remoto y luego seleccione "0 RASTER ADJ" moviendo el cursor o usando el botón No..
2) Haga un raster Verde usando la cubierta del lente.

### (2) Ajuste

1) Seleccione cada uno de los modos de abajo usando CH▲, CH▼ en el Control Remoto y ajuste usando VOL▶, VOL◀.
2) Verifique que H POSI, V POSI sean 21, 38 y cuando estén erradas, ajuste cada una al valor correspondiente.
3) No ajuste la Posición H, V en el Modo NTSC, ajuste con el magneto de centrado.

4) H SIZE: Ajuste del TAMAÑO Horizontal.
Ajuste hasta que la tercera línea de tamaño horizontal más externa del círculo concuerde con el borde del marco.

5) V SIZE : Ajuste del TAMAÑO Vertical.
Ajuste hasta que la quinta BARRA Vertical del centro superior e inferior de la pantalla concuerde con el último punto del marco.

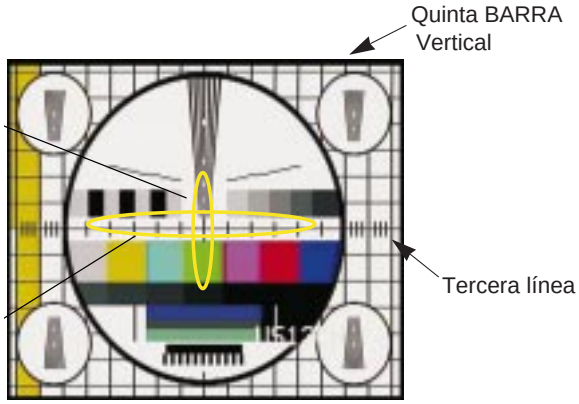



Fig. 3

6) UP VLI : Ajuste de la Linealidad Superior Vertical.
Ajusta el intervalo vertical de la parte superior de la pantalla.

7) LO VLI : Ajuste de la Linealidad Inferior Vertical.
Ajusta el intervalo vertical de la parte inferior de la pantalla.

8) PIN PH : Fijación Horizontal del Trapezoide
Ajusta el ancho horizontal de la parte superior e inferior de la pantalla para que sean iguales.

9) PIN AM : Corrección Horizontal de la PARÁBOLA.
Ajusta la línea vertical de la mayoría de los ángulos del cuadriculado de la parte derecha/izquierda de la pantalla para que estén en balance con la línea vertical del centro de la pantalla.

10) V LIN : Ajuste de la Linealidad Vertical
Ajusta el tamaño vertical de la pantalla para que sea igual en la parte superior e inferior.

11) S CORR : Corrección S
Ajusta el ancho del cuadriculado de la parte Superior/Central/Inferior de la pantalla para que sean idénticas.

12) UP CPI : Corrección Superior Pincushion
Ajusta el pincushion de la parte superior de la pantalla.

13) LO CPI : Corrección Inferior del Pincushion
Ajusta el pincushion de la parte inferior de la pantalla.

14) Después de completar el ajuste, salga del modo de ajuste RASTER usando el botón ENTER y salga del modo de ajuste SVC usando el botón INSTART.

## 6-3. Ajuste 1080i

### (1) Equipo de Prueba

SETTOP BOX con salida 1080i

### (2) Pasos preliminares

1) Después de ajustar el 1080i con la salida del SETTOP BOX, conecte la señal Y, la cual es salida del SETTOP BOX, con el terminal de entrada de VIDEO del LADO-AV(AV3).
2) Seleccione el boón INSTART en el Control Remoto y luego seleccione "8 1080I-ADJ" moviendo el cursor o usando el botón No..
El 1080i está conectado al AV3 y la señal negra/blanca aparece en la pantalla.
3) Seleccione el botón INSTART en el Control Remoto y después seleccione "0 RASTER ADJ" moviendo el cursor o usando el botón No..
4) Haga un raster Verde usando la cubierta del lente.

### (3) Ajuste

1) Seleccione cada uno de los modos de abajo usando CH▲, CH▼ en el Control Remoto y ajuste usando VOL▶, VOL◀.

2) H POSI : Ajuste de la Posición Horizontal
Ajuste de manera que la línea horizontal central de la pantalla concuerde con la lÌnea horizontal central geométrica de la pantalla JIG.

3) V POSI : Ajuste de la Posición Vertical
Ajuste de manera que la línea vertical central de la pantalla concuerde con la línea vertical central geométrica de la pantalla JIG.

4) H SIZE : Ajuste del TAMAÑO Horizontal
Ajuste hasta que la tercera línea de tamaño horizontal más externa del círculo concuerde con el borde del marco.

5) V-SIZE : Ajuste del TAMAÑO Vertical
Ajuste hasta que la quinta BARRA Vertical de la parte superior e inferior del centro de la pantalla concuerde con el último punto del marco.

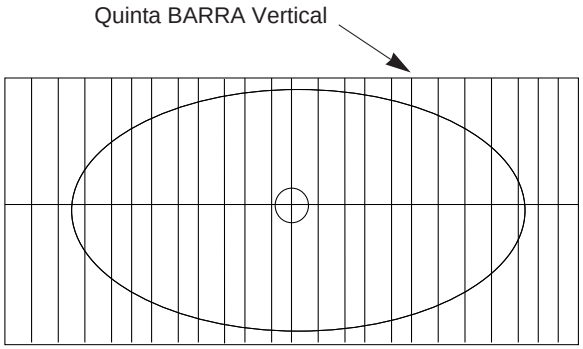



Fig. 3

6) UP VLI : Ajuste de la Linealidad Superior Vertical.
Ajusta el intervalo vertical de la parte superior de la pantalla.

7) LO VLI : Ajuste de la Linealidad Inferior Vertical
Ajusta el intervalo vertical de la parte inferior de la pantalla.

8) PIN PH : Fijación Horizontal del Trapezoide.
Ajusta el ancho horizontal de la parte superior e inferior de la pantalla para que sean iguales.

9) PIN AM : Corrección Horizontal de la PARÁBOLA
Ajusta la línea vertical de la mayoría de los ángulos del cuadriculado de la parte derecha/izquierda de la pantalla para que estén en balance con la línea vertical del centro de la pantalla.

10) V LIN : Ajuste de la Linealidad Vertical
Ajusta el tamaño vertical de la pantalla para que sea igual en la parte superior e inferior.

11) S CORR : Corrección S
Ajusta el ancho del cuadriculado de la parte Superior/Central/Inferior de la pantalla para que sean idénticas.

12) UP CPI : Corrección Superior del Pincushion
Ajusta el pincushion de la parte superior de la pantalla.

13) LO CPI : Corrección Inferior del Pincushion.
Ajuste el pincushion de la parte inferior de la pantalla.

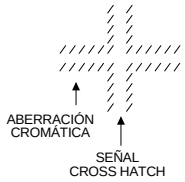
14) Después de completar el ajuste, salga del modo de ajuste RASTER usando el botón ENTER y salga del modo de ajuste SVC usando el botón INSTART.

# 7. Ajuste del Enfoque de Lente y del Enfoque Electrónico.

## 7-1. Pasos preliminares

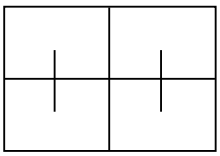
(1) El enfoque electrónico, pendiente del Raster y la posición del Raster deben ser ajustada previamente.
(2) Caliente por más de 45 minutos.
(3) Sintonice la TV para recibir la señal Cross Hatch.
(4) El ajuste debe ser efectuado en un cuarto oscuro(cuarto oscuro sencillo) y tenga cuidado de no tocar el lente durante el ajuste.
(5) Haga cualquier raster de color usando la cubierta del lente.
(6) Rotando el lente hacia la derecha desde la parte frontal se produce aberración cromática, además la línea Cross-hatch cambia como sigue;.

| Lente | Cambio de aberración cromática |
|---|---|
| Rojo | Naranja ⟶ Escarlata |
| Verde | Azul ⟶ Rojo |
| Azul | Púrpura ⟶ Verde |




## 7-2. Ajuste del Lente Verde

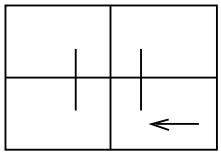
(1) Gire el lente hasta que la aberración cromática cambie de Azul a punto Rojo.
(2) Observando toda la pantalla, si la tendencia de la aberración cromática no es lineal, ajuste para que aparezca la aberración cromática Roja en la sección 3.5 Cross-Hatch en el centro de la pantalla.
En este momento, en el caso que la diferencia de la línea brillante de la aberración cromática Roja no sea igual en ambos lados, ajuste para tener más aberración cromática Roja.



(3) Cambie la señal al canal 13 y realice el ajuste minuciosamente.
(4) Ajuste el volumen de control del enfoque Verde del focus pack de manera que la parte exterior del círculo grande aparezca claramente.
(5) Ajuste correctamente repitiendo el control de arriba.
(6) Observe especialmente la luz Verde ya que ésta influye en la función de la imagen.

## 7-3. Ajuste del Lente Rojo

(1) Gire el lente hasta que la aberración cromática cambie de naranja a escarlata.
(2) Ajuste la aberración cromática hasta que esté centrada correctamente.

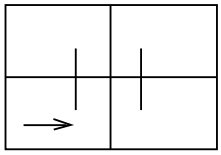


(3) Use el mismo método para el enfoque Rojo que el utilizado para el enfoque Verde.

## 7-4. Ajuste del Lente Azul

(1) Rote el lente hasta que la aberración cromática de 3.5 Cross-Hatch izquierda del punto central cambie de Violeta a Verde. Ajuste la aberración cromática para que sea un punto central entre violeta y verde.

(2) Ajuste la aberración cromática para que se convierta en el centro del púrpura y verde.



(3) Use el mismo método para el enfoque Azul que el utilizado para el enfoque Verde.

**7-5.** Después del ajuste del lente Rojo, Verde y Azul, remueva la cubierta del lente y reciba el patrón Cross-Hatch y verifique el enfoque en su totalidad. Si es necesario, repita los puntos de arriba.

# 8. Ajuste de Convergencia

Ejecute el ajuste de convergencia en el MODO NTSC y en el MODO 1080i y cada método con la parte inferior del método.
Modo NTSC : Ajuste en el canal 13.
Modo 1080i : Ajuste la señal Y, la cual es salida del SETTOP BOX, después de colocarla en el AV3. (Refiérase al ajuste de deflexión)

## 8-1. Pasos preliminares

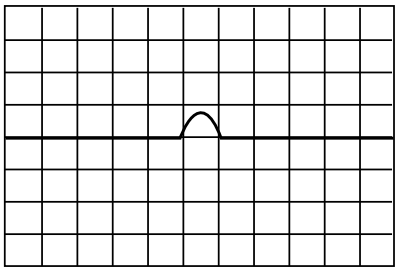
(1) Este ajuste debe ser efectuado después de calentar por 60 minutos.
(2) Este ajuste debe ser efectuado después de la posición vertical/horizontal del raster, magneto de alineación del rayo y ajuste de enfoque.
(3) Siempre aplique una señal durante este ajuste.
(4) El ajuste usa la pantalla JIG la cual es un patrón cuadriculado.

## 8-2. Ajuste

(1) Seleccione el botón INSTART en el Control Remoto y luego seleccione "3 CONVERGENCE" moviendo el cursor o usando el botón No..

**(2) Ajuste de la fase Horizontal/Vertical**

1) Presione los botones 9 y 5 para entrar al modo de ajuste de fase.



2) Ajuste de la fase Horizontal: mueva la porción convexa hacia el medio de la pantalla de la TV. Ajuste la altura derecha e izquierda del segundo cuadriculado a la misma altura.
(Use los botones ◄, ►)

**(3) Ajuste de la Posición del Patrón Horizontal**

1) Presione los botones 9 y 4 para entrar al modo de cambio de patrón.
2) Ajuste el patrón y la imagen que se acumulará presionando el botón MUTE.
3) Ajuste el centro del patrón y la imagen para que concuerden.
(Use los botones ◄,►,▲,▼)
4) Use el botón (ENTER) para salir de este ajuste.
5) Para guardar los datos de ajuste presione 9, 2 y luego ENTER.

**(4) Ajuste de Convergencia Automático.**

El ajuste de convergencia usa la PC y la Cámara automáticamente en básico, después del ajuste automático contra la porción donde la Convergencia no es correcta con la parte inferior ajustada manualmente con el mismo método.

**(5) Ajuste de Convergencia Verde (manualmente)**

1) Después que el OSD aparezca en la pantalla presionando el botón No. 2, cambie con el modo de ajuste verde(G) presionando TV/AV.
2) Despliegue sólo el color verde en la pantalla cubriendo el CRT rojo y el CRT azul.
3) Ajuste para que coincida el patrón verde con el patrón de pantalla jig. (Use los botones ◄,►,▲,▼)
En este momento, mueva el cursor del centro de la pantalla alrededor de la pantalla y ajuste la convergencia.

**(6) Ajuste de Convergencia Rojo (manualmente)**

1) Después que el OSD aparezca en la pantalla presionando el botón No. 2, cambie con el modo de ajuste rojo(R) presionando TV/AV.
2) Si es necesario, cubra el lente Azul.
3) Haga coincidir la pantalla roja con la pantalla verde de la misma manera que con el ajuste de convergencia verde.

**(7) Ajuste de Convergencia Azul (manualmente)**

1) Después que el OSD aparezca en al pantalla presionando el botón No. 2, cambie con el modo de ajuste azul (B) presionando TV/AV.
2) Haga coincidir la pantalla azul con la pantalla verde de la misma manera que con el ajuste de convergencia verde.

**(8) Guardar los Datos Ajustados (manualmente)**

1) Guarde los datos después del ajuste presionando 9, 1, y el botón ENTER .
2) Salga del modo de ajuste de convergencia.
(Use el botón INSTART)

### 8-3. Inicialización de AUTO CONVERGENCIA

(1) Seleccione el botón INSTART en el Control Remoto y luego seleccione "3 CONVERGENCE" moviendo el cursor o usando el botón No..
(2) Presione el botón MENU y luego seleccione '3.AC POSITION MES.'.
(3) Cuando est· ajustado normalmente, "OK" aparecerá en el centro de la pantalla. Cuando finalice el ajuste, salga del modo de ajuste de Convergencia.
(Use los botones ENTER y INSTART)

## 9. Ajuste del Balance de Blanco

### 9-1. Equipo de Prueba

Medidor de brillo (CA-110)

### 9-2. Pasos preliminares

(1) Ajuste después que se hayan completado los ajustes de Pantalla y Enfoque.
(2) Este ajuste debe ser efectuado en un cuarto oscuro o su equivalente.
(3) El medidor de brillo debe estar ubicado a una distancia de 20±5cm del centro de la pantalla.
(4) Fije el ajuste del BURST OUT del GENERADOR de PATRÓ en APAGADO.

### 9-3. Ajuste **(manualmente)**

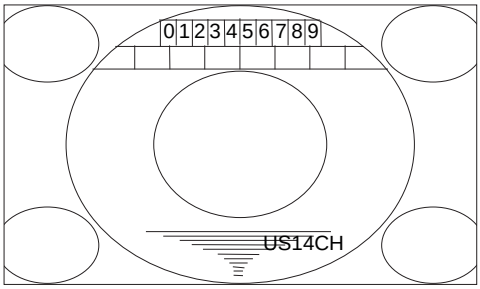
(1) Seleccione el botón INSTART en el Control Remoto y luego seleccione "4 WHITE BALANCE" moviendo el cursor o usando el botón No..
(2) Reciba la señal WINDOW. (NTSC canal 13)
1) Después de entrar al modo de ajuste usando el botón INSTART, seleccione "4 WHITE BALANCE" del modo de ajuste.
2) Luz Alta=160±3cd/$m^2$
Luz Baja=10±3cd/$m^2$

(3) Fije Bright (Brillo) al modo de ajuste H/Light (Luz Alta) en (2) y ajuste R-DRIVE, B-DRIVE hasta que la coordenada de color sea X=269±3, Y=274±3.
(4) Fije Bright (Brillo) al modo de ajuste L/Light (Luz baja) en (2) y ajuste R-CUTOFF, B-CUTOFF hasta que la coordenada de color sea X=269±3, Y=274±3.
(5) Después de completar el ajuste, salga del modo de ajuste RASTER usando el botón ENTER y salga del modo de ajuste SVC usando el botón INSTART.

## 10. Ajuste del SUB-BRILLO

(Sólo el Modo NTSC)

(1) Seleccione NTSC canal 14.
(2) Seleccione el botón INSTART en el Control Remoto y luego seleccione "5 SUB-BRIGHTNESS" moviendo el cursor o usando el botón No..
Cuando seleccione el modo "5 SUB-BRIGHTNESS" después de entrar al modo de ajuste con el botón INSTART, entonces la preparación para el ajuste está completa.
(3) Ajuste hasta que el "2" desaparezca. (Use el VOL ◀, ▶)




(4) Después de completar el ajuste, salga del modo de ajuste RASTER usando el botón ENTER y salga del modo de ajuste SVC usando el botón INSTART.

# ⁕ Ítems de Ajuste y DATO Inicial

## Ítems de Ajuste CXA2180 60Hz/1080i

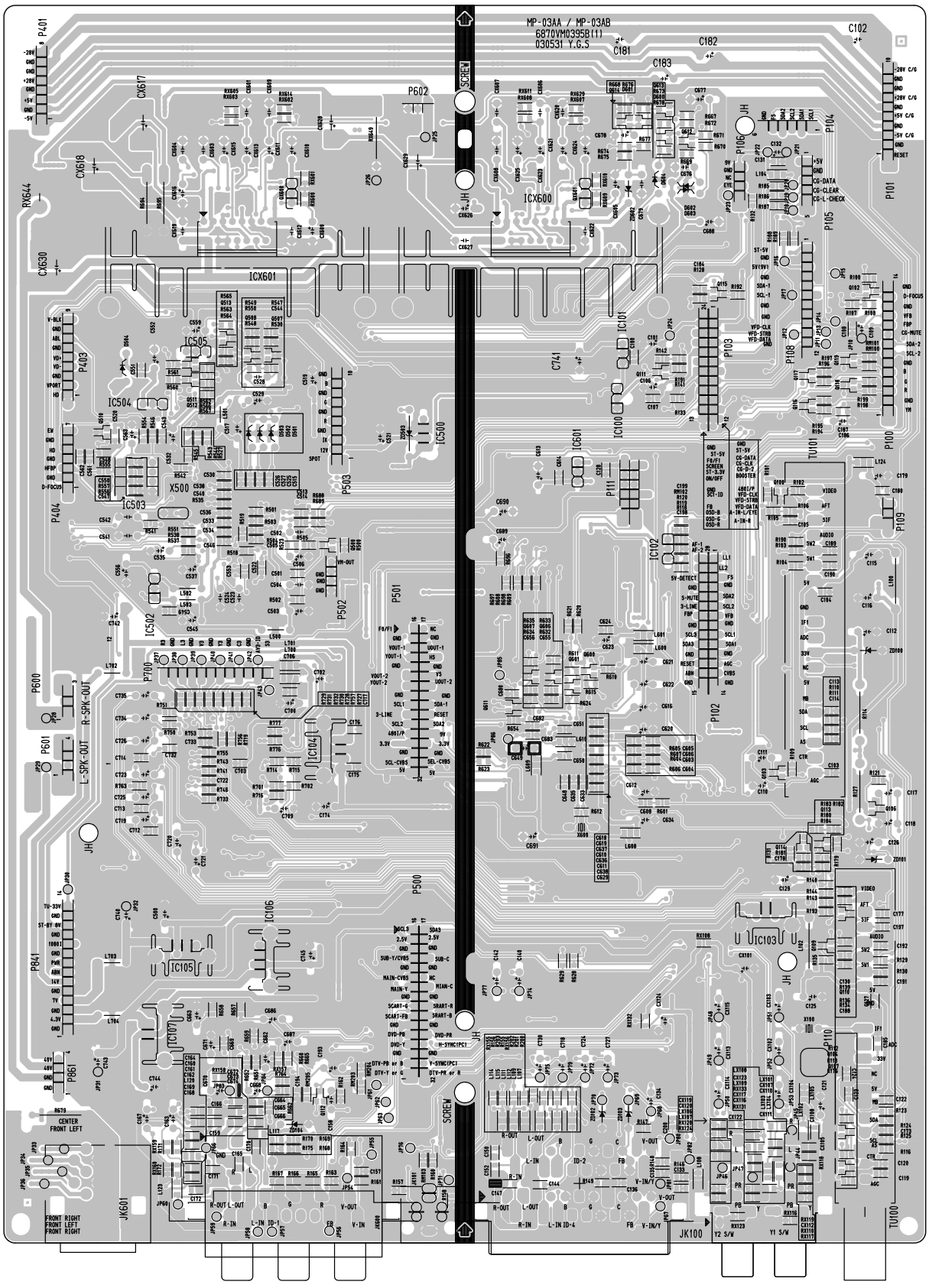
| No. | Ítem | 480p/1080i |
|---|---|---|
| 1 | V-SIZE | 20/10 |
| 2 | H-SIZE | 10/12 |
| 3 | R-DRIVE | 14 |
| 4 | G-DRIVE | 40 |
| 5 | B-DRIVE | 42 |
| 6 | R-CUTOF | 10 |
| 7 | G-CUTOF | 45 |
| 8 | B-CUTOF | 10 |
| 9 | S-BRIGHT | 10 |
| 10 | S-TINT | 28 |
| 11 | S-CONTRA | 10 |
| 12 | S-COLOR | 140 |
| 13 | DCOL | 3 |
| 14 | EXT-SW | 0/1 |
| 15 | SHP-F0 | 0 |
| 16 | BLK-BTM | 0 |
| 17 | PRE-OVE | 3 |
| 18 | CTI-LEV | 1 |
| 19 | LTI-LEV | 2 |
| 20 | PLIMIT_L | 3 |
| 21 | ABL-MOD | 2 |
| 22 | CTI-MOD | 0 |
| 23 | GAMMA | 1 |
| 24 | LTIMODE | 1 |
| 25 | DPICLEV | 3 |
| 26 | DC TRAN | 2 |
| 27 | LRGB2 | 7 |
| 28 | P ABL | 11 |
| 29 | ABL-TH | 7 |

| No. | Ítem | 480p/1080i |
|---|---|---|
| 30 | CB-OFFS | 31 |
| 31 | AGING-W | 0 |
| 32 | AGING-B | 0 |
| 33 | CR-OFFS | 31 |
| 34 | SYSTEM | 0 |
| 35 | YOFFSET | 7 |
| 36 | VM-DLY | 2 |
| 37 | VM-F0 | 2 |
| 38 | R-Yr | 6 |
| 39 | R-Yb | 12 |
| 40 | G-Yr | 12 |
| 41 | G-Yb | 2 |
| 42 | VM-LEV | 4/3 |
| 43 | FLCOL | 0 |
| 44 | FLCOLSW | 1 |
| 45 | UP-BLK | 0 |
| 46 | LO-BLK | 0 |
| 47 | V-ON | 1 |
| 48 | EW-DC | 0 |
| 49 | V-POSIT | 38/34 |
| 50 | V-LIN | 7 |
| 51 | S-CORRE | 0 |
| 52 | UP-UCP | 0 |
| 53 | PIN-AMP | 12 |
| 54 | LO-UCP | 0 |
| 55 | UP-CPIN | 29 |
| 56 | UP-UCG | 0 |
| 57 | LO-CPIN | 29 |
| 58 | LO-UCG | 0 |

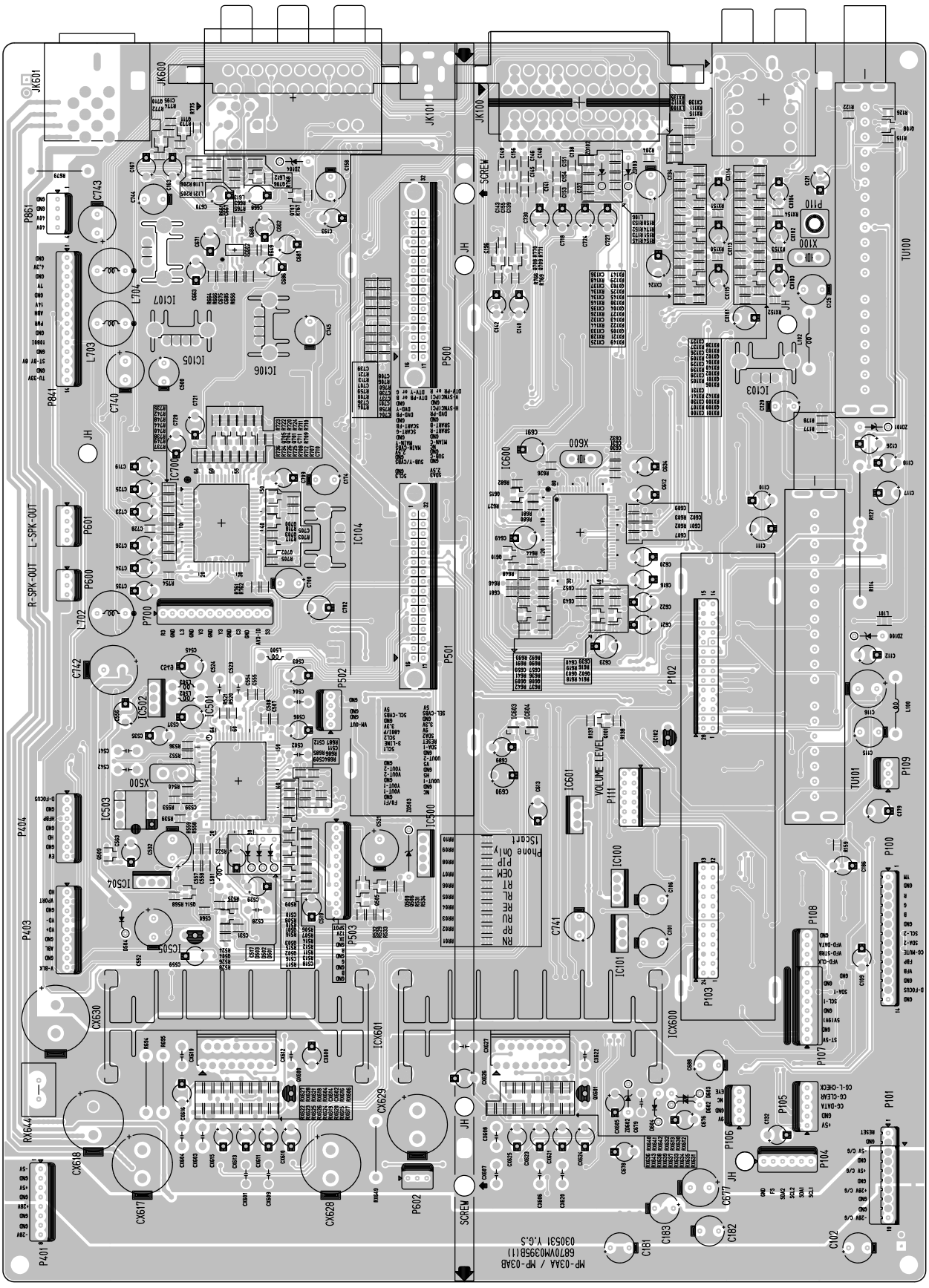
| No. | Ítem | 480p/1080i |
|---|---|---|
| 59 | PIN-PHA | 31 |
| 60 | UC-POL | 0 |
| 61 | VBLK-SW | 0 |
| 62 | H-POSIT | 29/37 |
| 63 | CLPSHFT | 0 |
| 64 | N-INTER | 0/1 |
| 65 | AFC-BOW | 31 |
| 66 | AGCMODE | 1 |
| 67 | AFCANGL | 31 |
| 68 | AGC SW | 0 |
| 69 | LEFTBLK | 57 |
| 70 | CLPPHAS | 0 |
| 71 | R-BLK | 15 |
| 72 | CLP-GAT | 0 |
| 73 | HBLK-SW | 1 |
| 74 | V-ASPECT | 31 |
| 75 | ZOOM-SW | 0 |
| 76 | JMP-SW | 0 |
| 77 | V-SCROL | 31 |
| 78 | VFREQ | 1/1 |
| 79 | UP-VLIN | 8/6 |
| 80 | LO-VLIN | 4 |
| 81 | V-COMP | 0 |
| 82 | H-COMP | 0 |
| 83 | AKB-TIM | 11 |
| 84 | HVBTMSW | 0 |
| 85 | BLK-OFF | 0 |
| 86 | AKB-OFF | 0 |

# TABLERO DE CIRCUITO IMPRESO

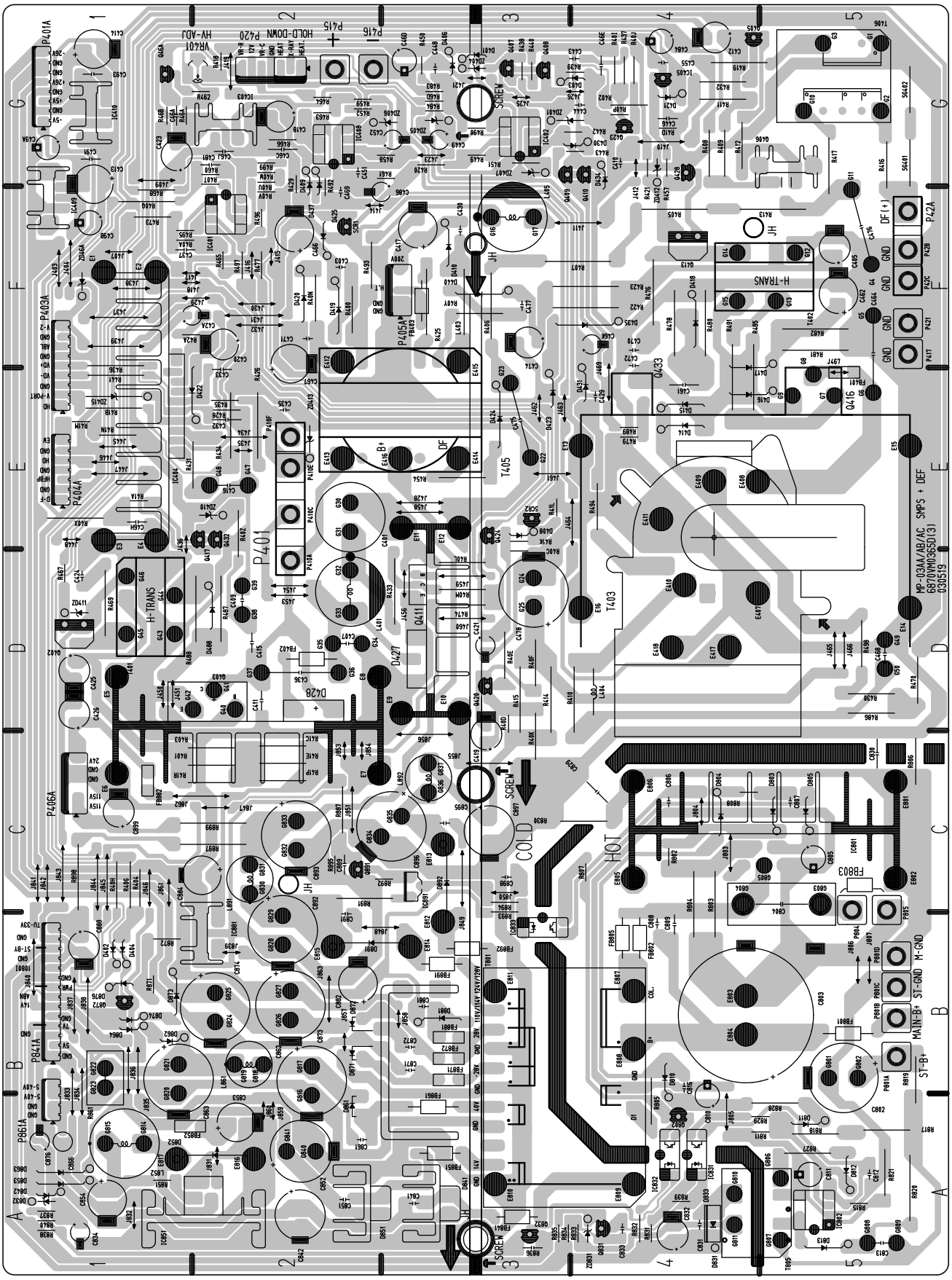
## MAIN(BOTTOM)



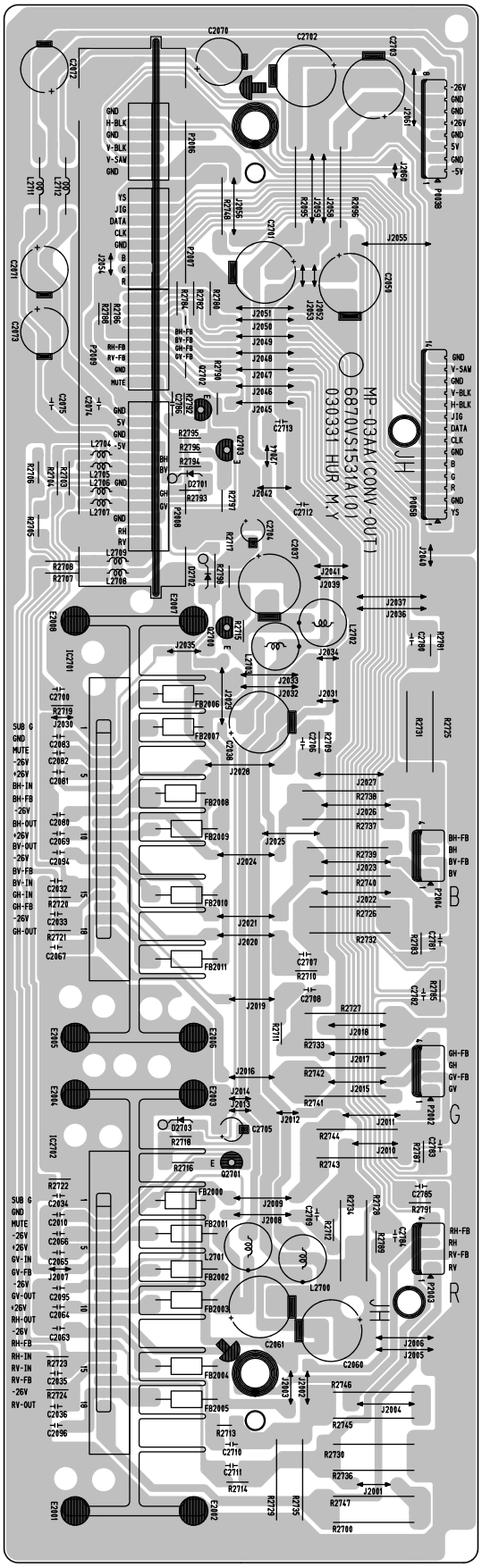
# MAIN(TOP)



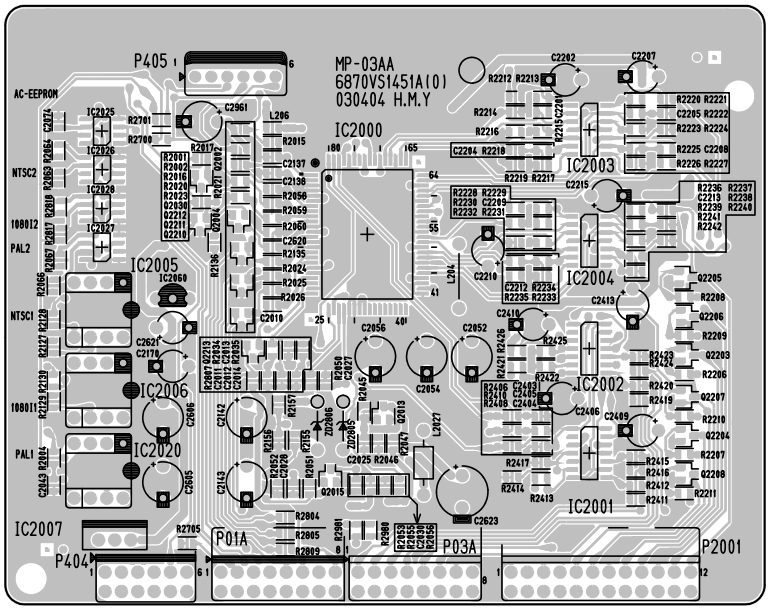
## MAIN2


MP-03AA/AB/AC SMPS + DEF
6870VM0365D(3)
030519
HOT
COLD
SCREW
H-TRANS
HV-ADJ
HOLD-DOWN
DF(+)
MAIN-B+
ST-GND
M-GND
ST-B+

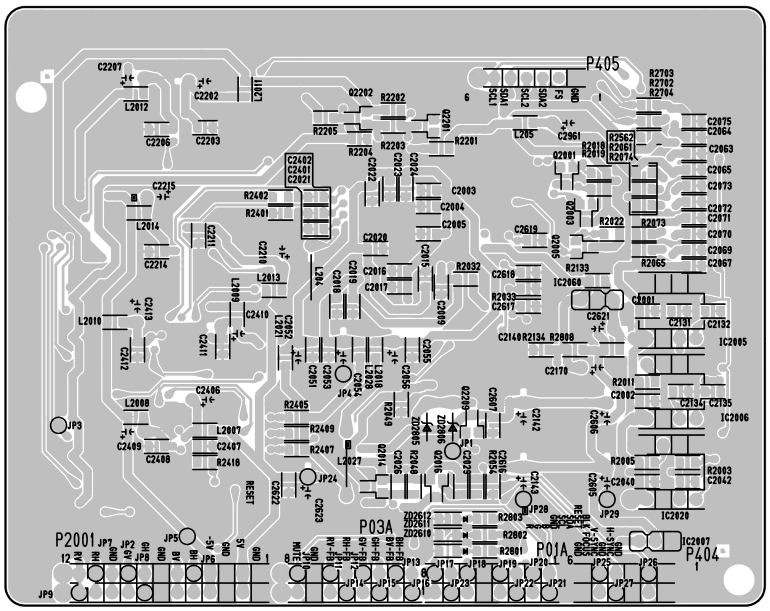
## CONVERGENCE OUT



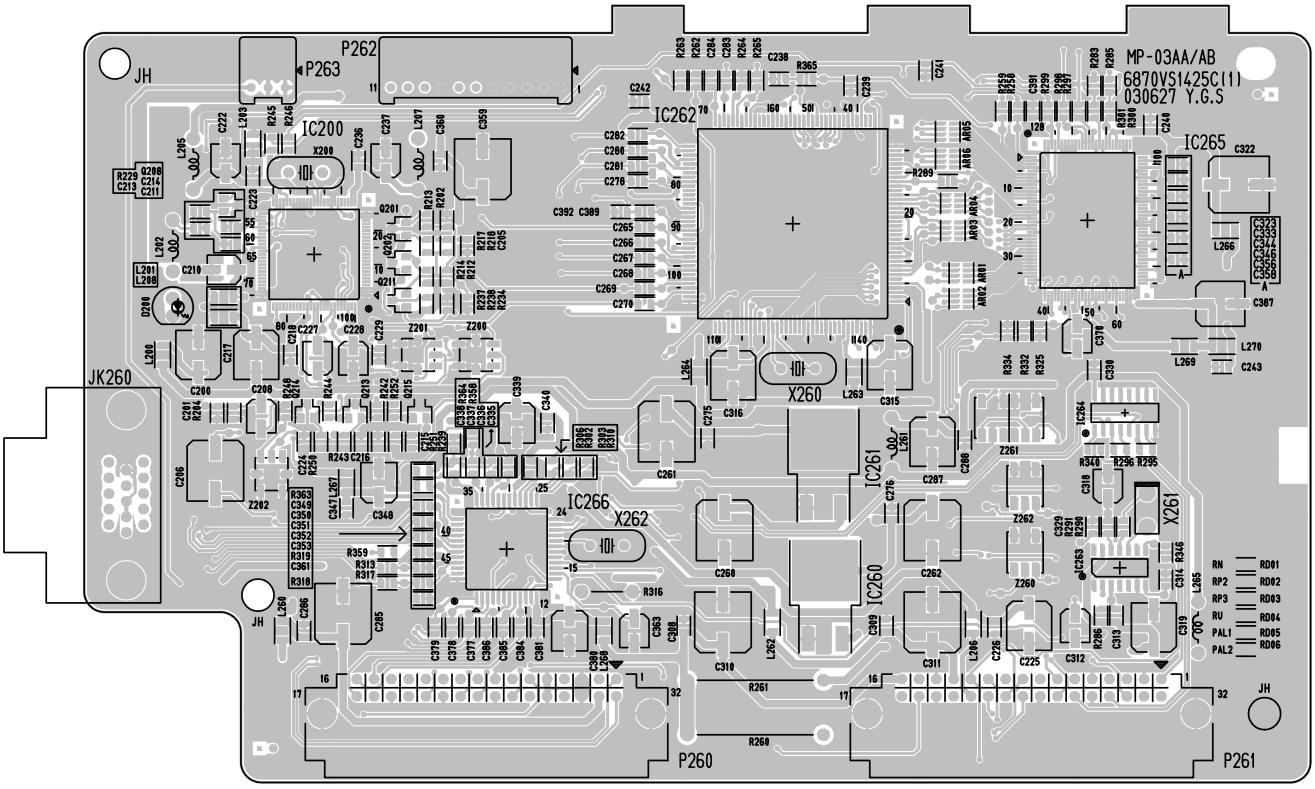

## D-CON(TOP)



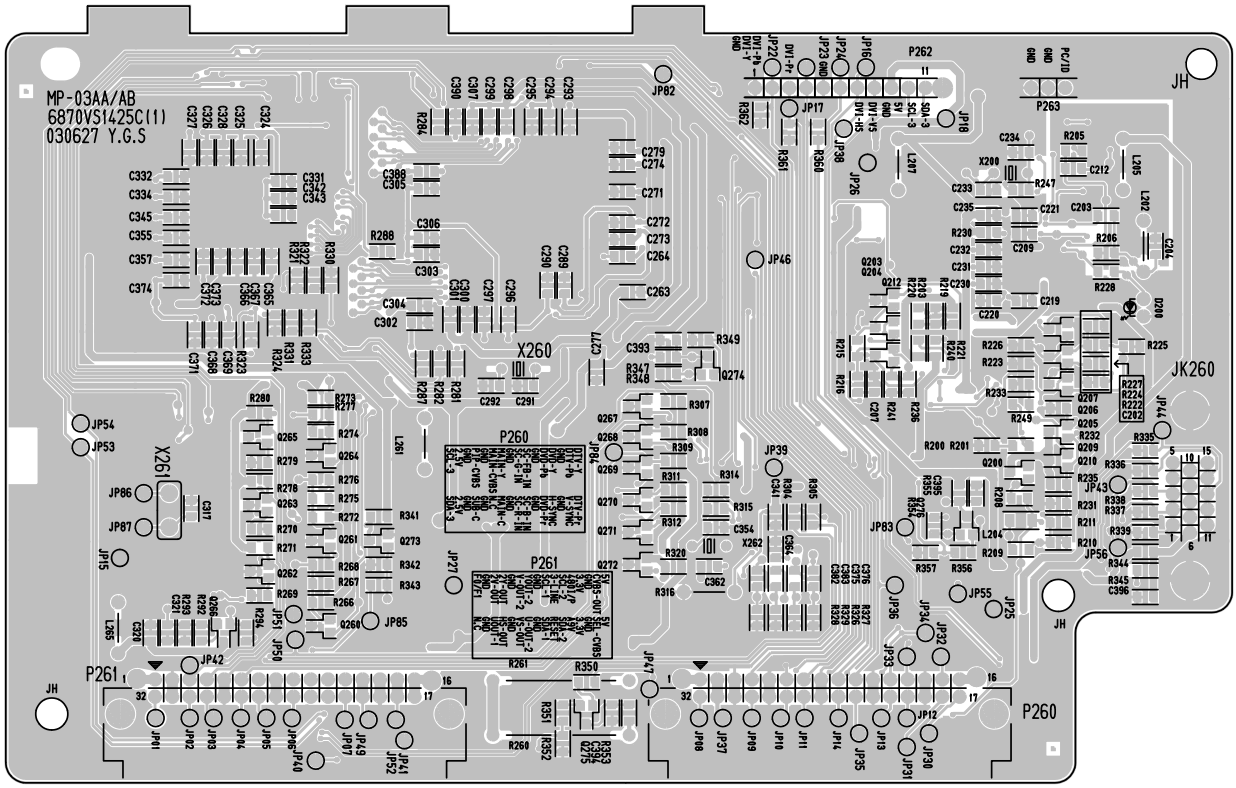

## D-CON(BOTTOM)



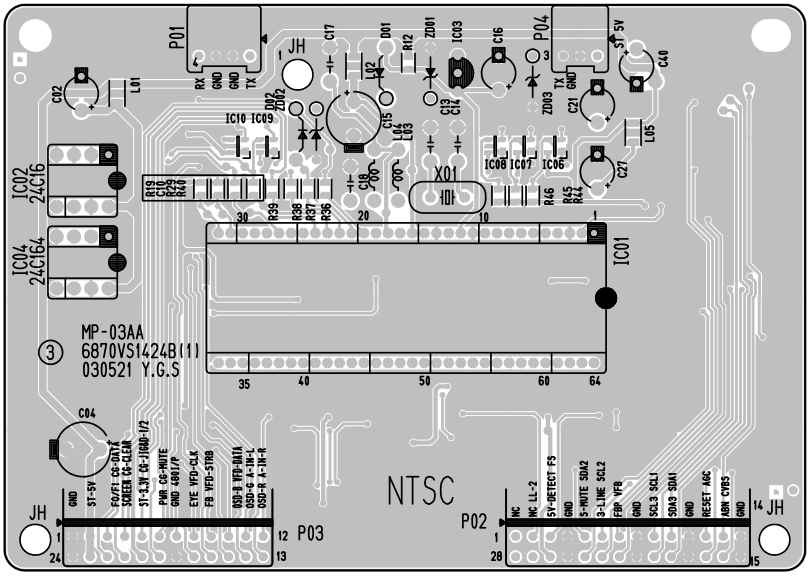
## DIGITAL(TOP)



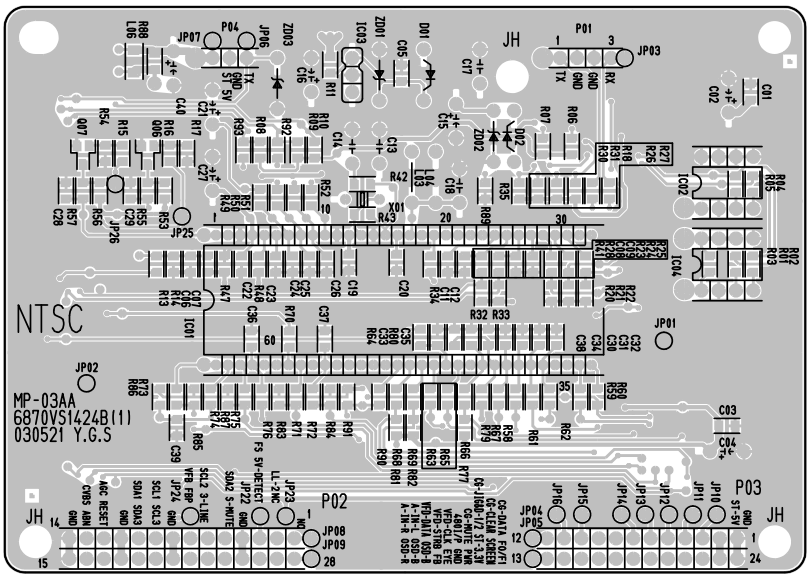

## DIGITAL(BOTTOM)



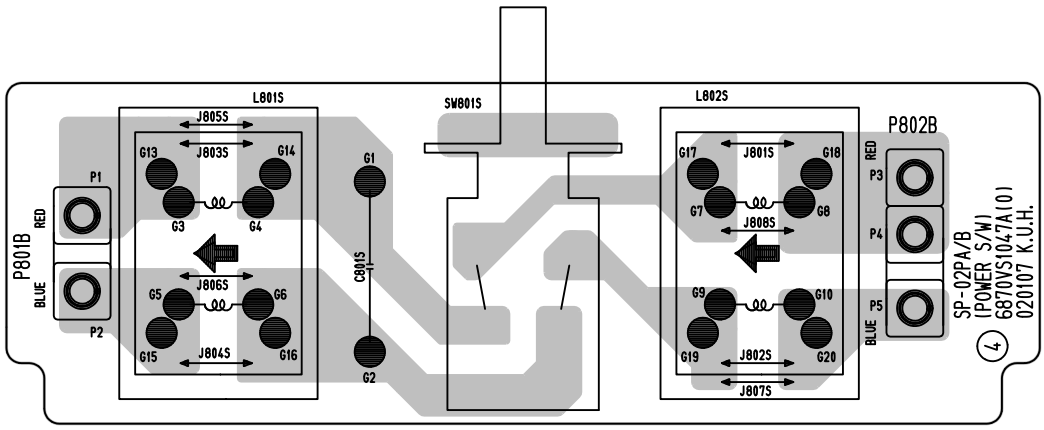
## NTSC-MICOM(TOP)



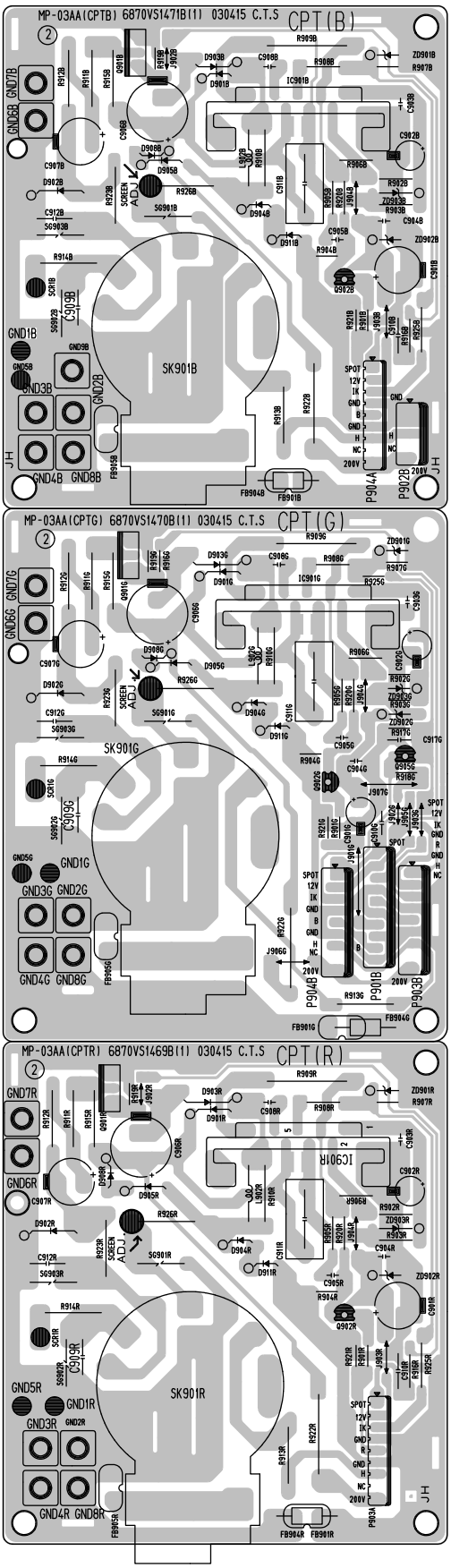

## NTSC-MICOM(BOTTOM)



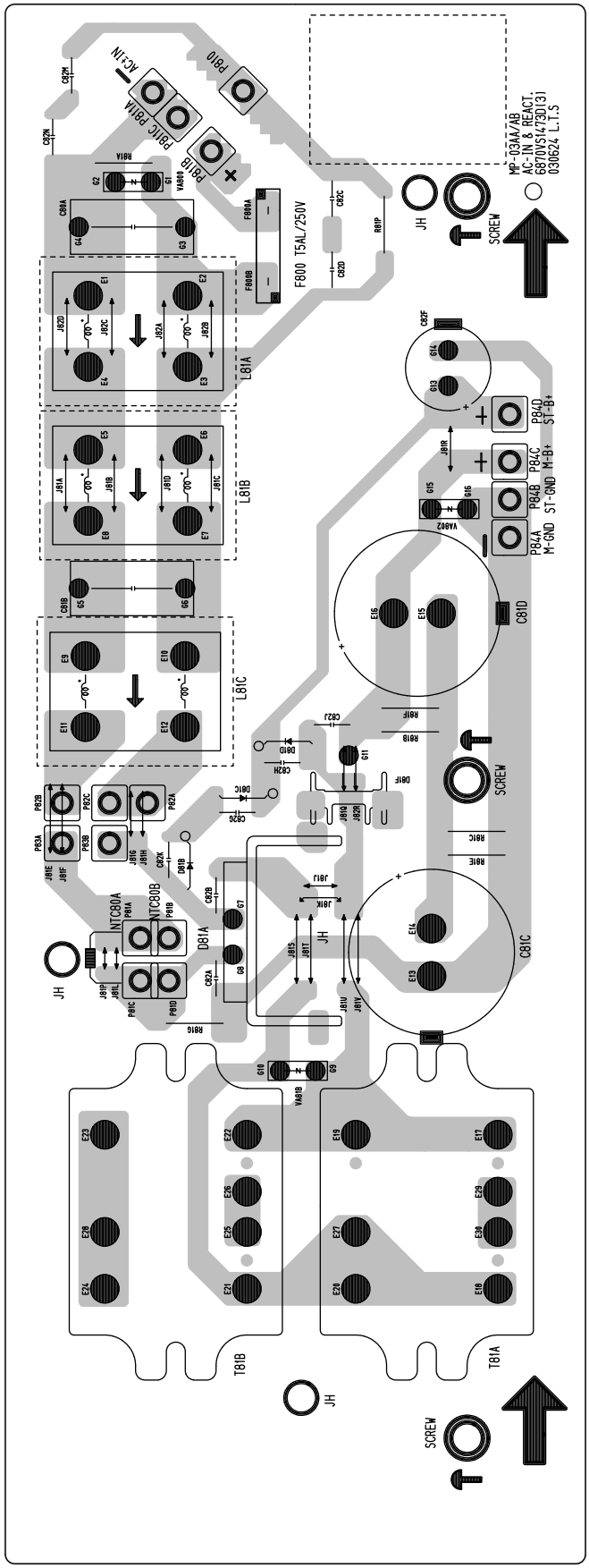

## POWER S/W



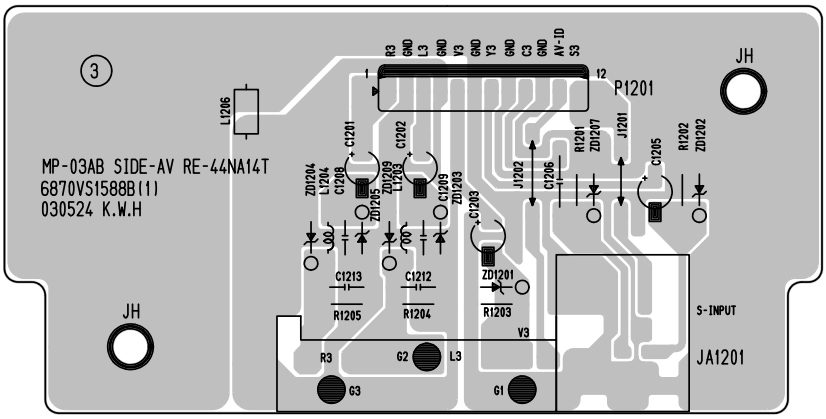
## CPT



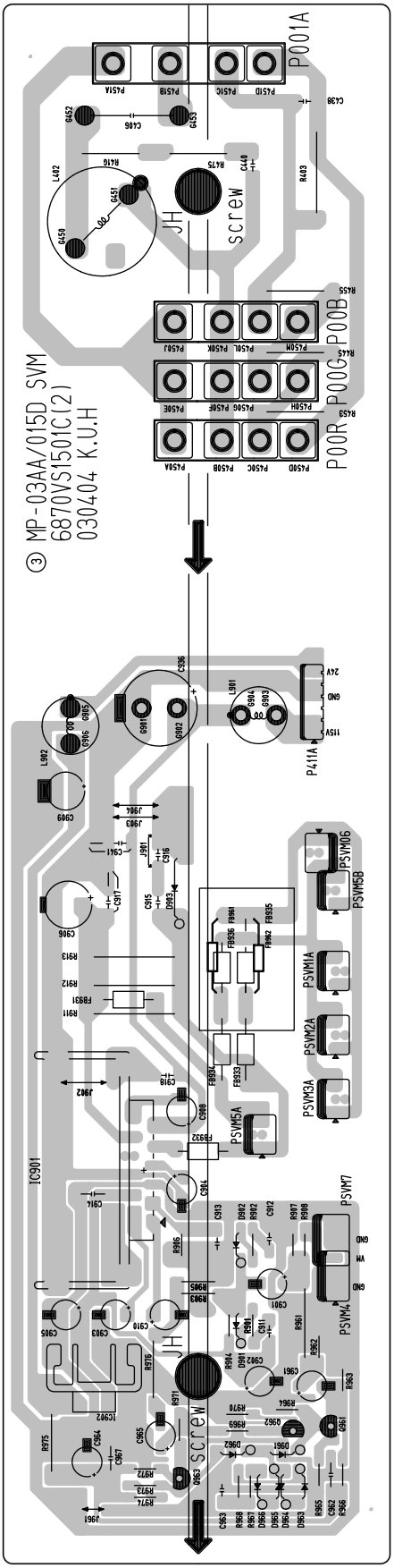

## AC-IN & REACT



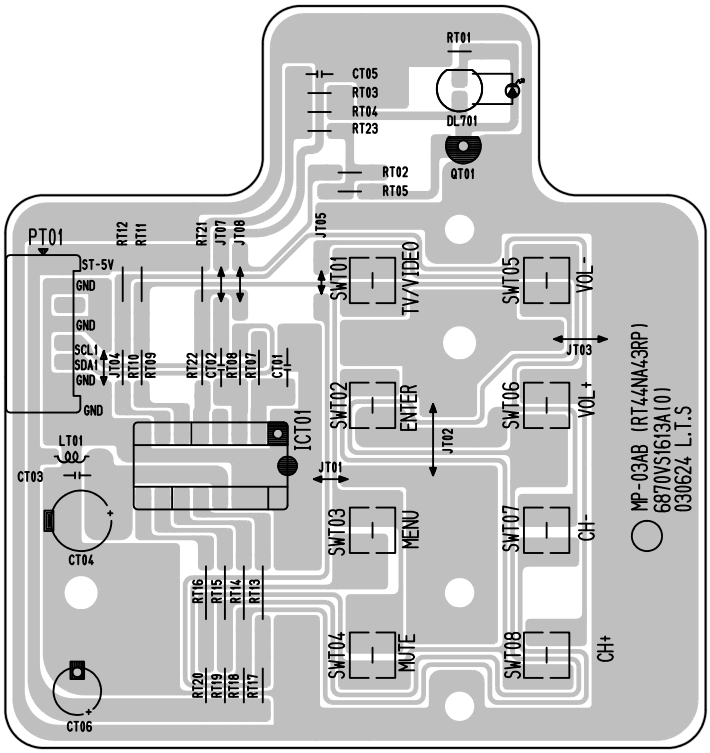
## SIDE A/V



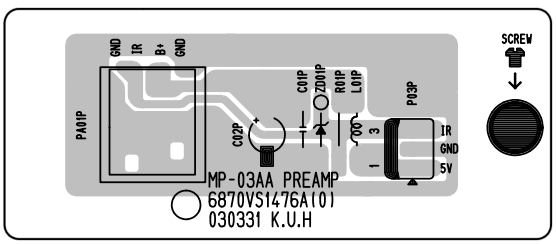

## VM



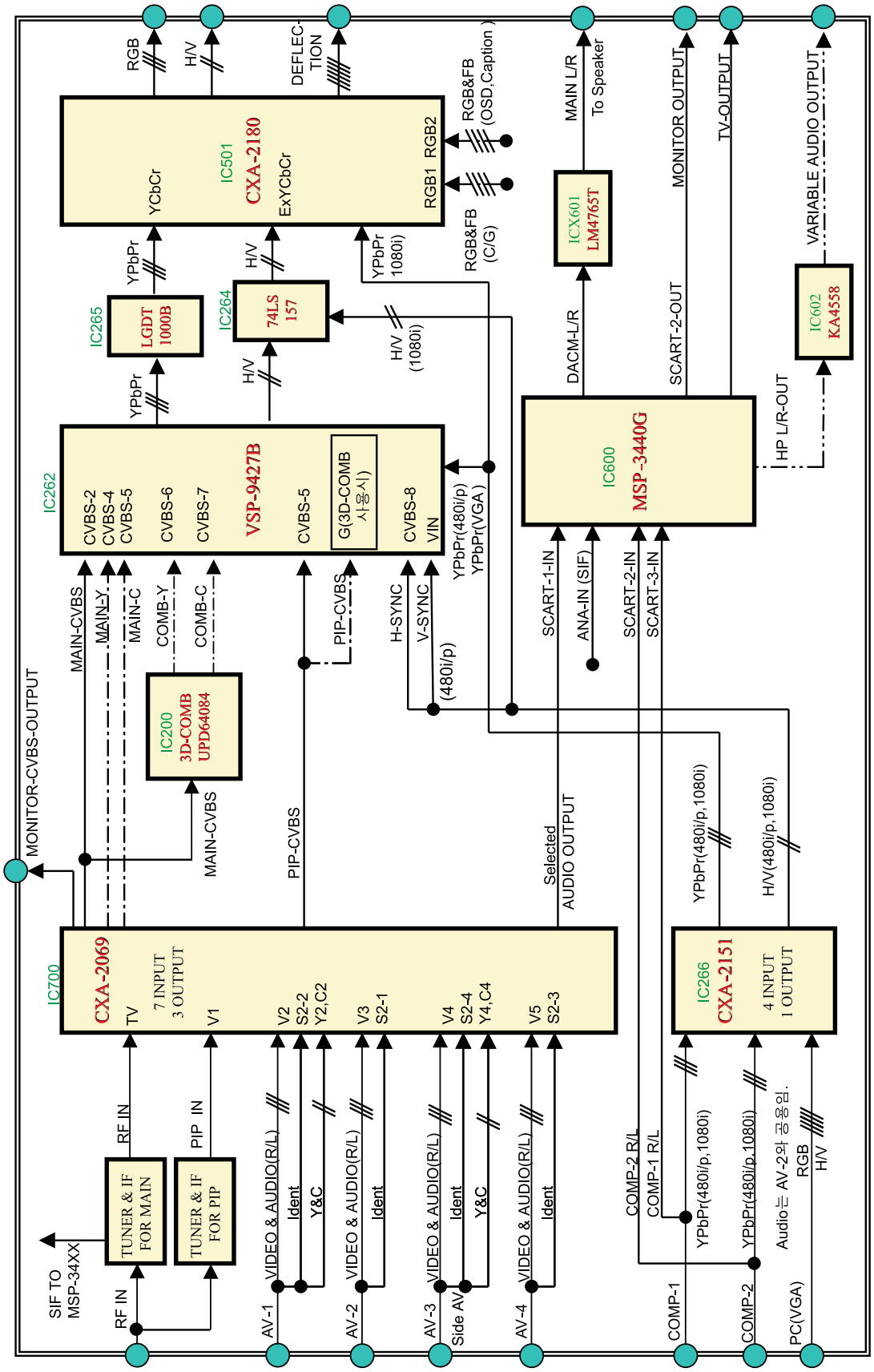

## CONTROL



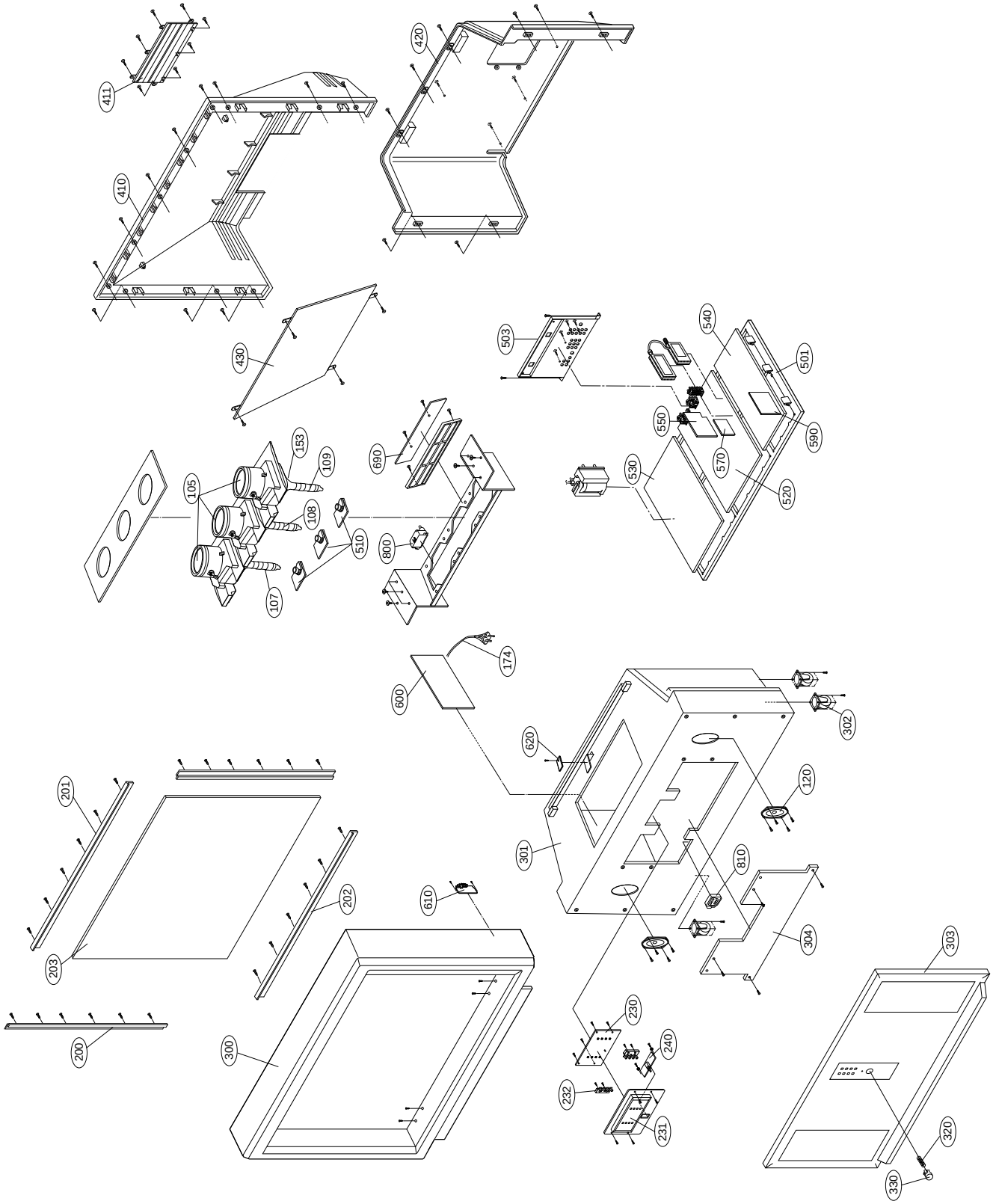

## PRE AMP



# DIAGRAMA EN BLOQUE



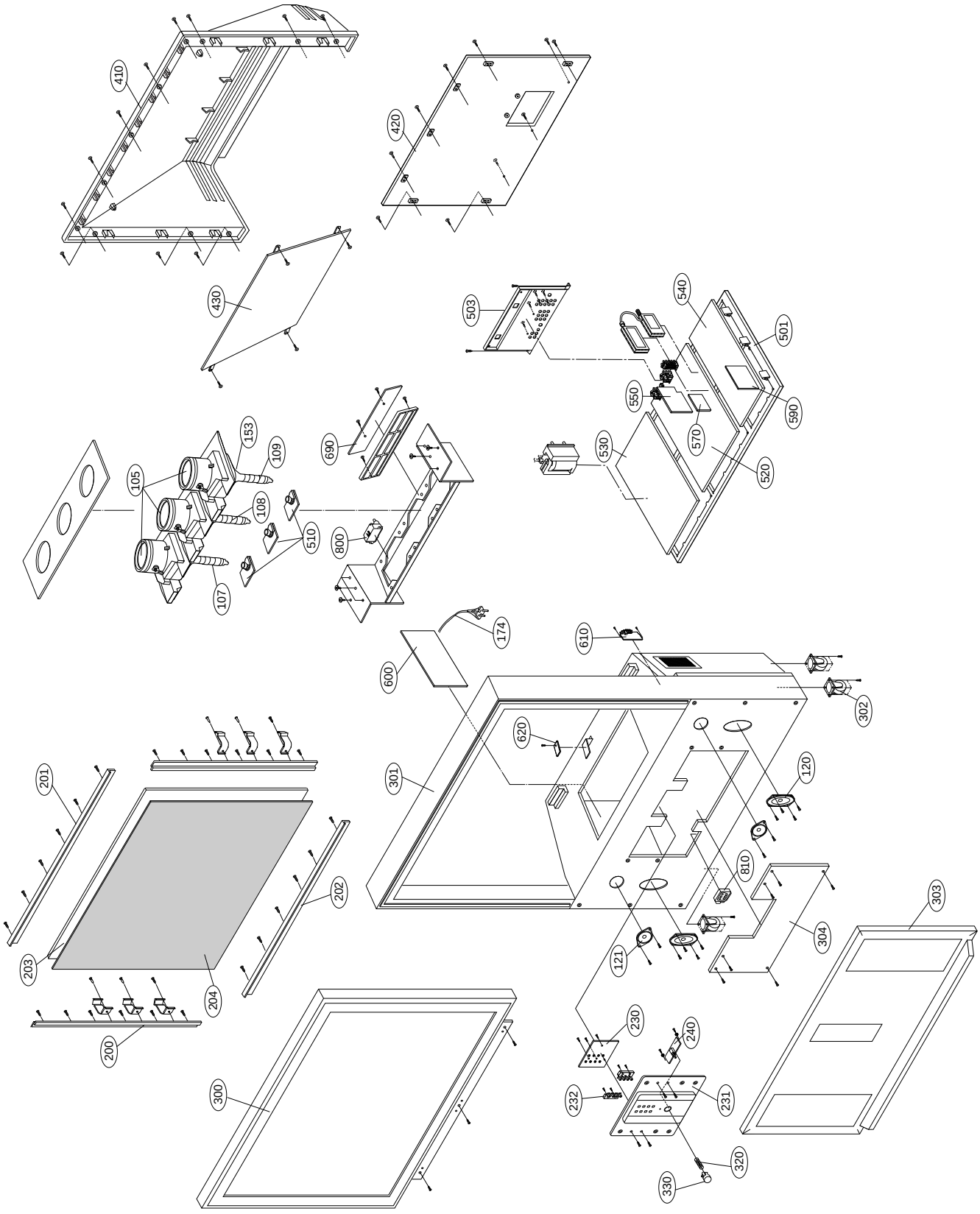
# VISTA EN DESPIECE(RP-44NA40PA)



# LISTA DE VISTA EN DESPIECE

| No. | PART NO. | DESCRIPTION |
|---|---|---|
| 105 | 3680V00054A | LENS,SEKINOS SSM-200(50) LENS ASSEMBLY . |
| 107 | 4810V00936A | BRACKET,PRT ASSY NON SSM-200 RED CLENS+COUPLER+CPT |
| | 4810V00936D | BRACKET,PRT ASSY NON SSM-200 RED CLENS+COUPLER+CPT *LGEMS |
| 108 | 4810V00936B | BRACKET,PRT ASSY NON SSM-200 GREEN CLENS+COUPLER+CPT |
| | 4810V00936E | BRACKET,PRT ASSY NON SSM-200 GREEN CLENS+COUPLER+CPT *LGEMS |
| 109 | 4810V00936C | BRACKET,PRT ASSY NON SSM-200 BLUE CLENS+COUPLER+CPT |
| | 4810V00936F | BRACKET,PRT ASSY NON SSM-200 BLUE CLENS+COUPLER+CPT *LGEMS |
| 120 | 120-D38E | SPEAKER,MID-RANGE LG FOSTER 8 OHM 15/25W 87DB 12 |
| 153 | 6150Z-1100E | DY,2.5H 38KHZ L 400MM 07 LGPLD RN-39NZ33H 6150Z-1100B |
| 174 | 174-009V | POWER CORD,W/HOLD,HOUSING L=400,4.0 |
| 200 | 4980V00358B | SUPPORTER,SCREEN EGI RP-44NA21 |
| 201 | 4980V00358C | SUPPORTER,SCREEN EGI RP-44NA22 |
| 202 | 4980V00358A | SUPPORTER,SCREEN EGI RP-44NA20 |
| 203 | 3350V00030A | SCREEN,DNP - KP 43,44(N) - SS ENG (13B) |
| | 3350V00030B | SCREEN *LGEMS |
| 230 | 6871VSMW68A | PCB ASSEMBLY,SUB CONT MP03AB RT-44NA43RP M/I |
| 231 | 4810V00505A | BRACKET,CONTROL HIPS 60HR 43NA20,53NA20 |
| | 4810V00522T | BRACKET,CONTROL *LGEMS |
| 232 | 5020V00631A | BUTTON,PT-43NA20/53NA20 , SET |
| | 5020V00631B | BUTTON *LGEMS |
| 240 | 6871VSMV16A | PCB ASSEMBLY,SUB PSW MP03AA M/I |
| 300 | 3091V00457C | CABINET ASSEMBLY,RP-44NA40 MONO MP00PA . |
| | 3091V00457M | CABINET ASSEMBLY *LGEMS |
| 301 | 3091V00429H | CABINET ASSEMBLY,RT-44NA43RP NON MP03AB 3090V00336C |
| | 3091V00429L | CABINET ASSEMBLY *LGEMS |
| 302 | 4778V00011B | LEG,ROLLER CASTER 3T . |
| 303 | 3211V00072J | FRAME ASSEMBLY,FRONT LOWER RP-44NA40A (NONE PET NAME) |
| | 3211V00072P | FRAME ASSEMBLY,FRONT LOWER *LGEMS |
| 304 | 3300V00153A | PLATE,FRONT COVER P.B . PT-43NA40 |
| | 3300V00153B | PLATE,FRONT COVER *LGEMS |
| 320 | 320-062J | SPRING,KNOB |
| 330 | 5020V00393H | BUTTON,RN-49NZ10H , SET |
| 410 | 3809V00183T | BACK COVER ASSEMBLY,PN-43A8E NON 60HR(S/GRAY) |
| | 3809V00459A | BACK COVER ASSEMBLY *LGEMS |
| 411 | 3300V00062C | PLATE,BACK COVER HIPS 60HR . PN-43A8 |
| | 3300V00062D | PLATE,BACK COVER *LGEMS |
| 420 | 3809V00184R | BACK COVER ASSEMBLY,RP-44NA40A NON 60HR (MP-03AA) |
| | 3809V00184S | BACK COVER ASSEMBLY *LGEMS |
| 430 | 5018V00019B | MIRROR,PROJECTION AHSUNG Mirror 44(N) FILM MIRROR |
| | 5018V00019A | MIRROR,PROJECTION *LGEMS |
| 501 | 4810V00752B | BRACKET,MAIN RU-40NZ60 MP03AA HIPS 60HR . |
| 503 | 4810V00830D | BRACKET,REAR AV RP-44NA40A MP03AA HIPS 60HR . |
| 510 | 6871VSMV08C | PCB ASSEMBLY,SUB CPT MP03AA M/I NTSC-EXPORT |
| 520 | 6871VMN661E | PCB ASSEMBLY,MAIN MP-03AA M/I RP-44NA20PA 4:3 |
| 530 | 6871VDM905B | PCB ASSEMBLY,DEFLECTION MAIN2 MP-03AA RP-44NA20 |
| | 6871VDM913B | PCB ASSEMBLY,DEFLECTION MAIN2 MP-03AA *LGEMS |
| 540 | 6871VSMC16B | PCB ASSEMBLY,SUB CVG MP03AA CONV-OUT 3 MODE M/I |
| | 6871VSMC16E | PCB ASSEMBLY,SUB CVG MP03AA CONV-OUT *LGEMS |
| 550 | 6871VSMW62B | PCB ASSEMBLY,SUB DIGITAL MP03AA M/I RP-40NZ60 LATIN-AMERICA |
| 570 | 6871VSMW63D | PCB ASSEMBLY,SUB MP03AA M/I NTSC-MICOM RP-44NA20 |
| 590 | 6871VSMC17B | PCB ASSEMBLY,SUB CVG MP03AA D-CON 3 MODE M/I |
| | 6871VSMC17E | PCB ASSEMBLY,SUB CVG MP03AA D-CON 3 *LGEMS |
| 600 | 6871VPMA28A | PCB ASSEMBLY,POWER SUB MP03AA M/I AC-INPUT LATIN-AMERICA |
| | 6871VPMA28D | PCB ASSEMBLY,POWER SUB MP03AA M/I AC-INPUT LATIN-AMERICA *LGEMS |
| 610 | 6871VSMW32A | PCB ASSEMBLY,SUB S/IN MP03AB SIDE-AV RE-44NA14T 4:3 |
| 620 | 6871VSMV15A | PCB ASSEMBLY,SUB P/AMP MP03AA M/I 1200MM, W/O HOLDER |
| 690 | 6871VSMV58A | PCB ASSEMBLY,SUB VM MP03AA MI STK396-130 |
| 800 | 4410Z-A001L | FBT ,4410Z-A001K 44 JW VE TYPE |
| 810 | 180-836K | FOCUS PACK,W18-601-02 YINYANG 180-836H |

# VISTA EN DESPIECE(RP-54NA40PA)



# LISTA DE VISTA EN DESPIECE

| No. | PART NO. | DESCRIPTION |
|---|---|---|
| 105 | 3680V00054A | LENS,SEKINOS SSM-200(50) LENS ASSEMBLY . |
| 107 | 4810V00936A | BRACKET,PRT ASSY NON SSM-200 RED CLENS+COUPLER+CPT |
| | 4810V00936D | BRACKET,PRT ASSY NON SSM-200 RED CLENS+COUPLER+CPT *LGEMS |
| 108 | 4810V00936B | BRACKET,PRT ASSY NON SSM-200 GREEN CLENS+COUPLER+CPT |
| | 4810V00936E | BRACKET,PRT ASSY NON SSM-200 GREEN CLENS+COUPLER+CPT *LGEMS |
| 109 | 4810V00936C | BRACKET,PRT ASSY NON SSM-200 BLUE CLENS+COUPLER+CPT |
| | 4810V00936F | BRACKET,PRT ASSY NON SSM-200 BLUE CLENS+COUPLER+CPT *LGEMS |
| 120 | 120-237C | SPEAKER,FULLRANGE C060T01K145A ESTEC 8 15/20 88 . 60X60 FULLRANGE |
| 121 | 6400VA0015A | SPEAKER,GENERAL C151PX-373K14 LG C&D 8 OHM 15W/25W 86DB |
| 153 | 6150Z-1100E | DY,2.5H 38KHZ L 400MM 07 LGPLD RN-39NZ33H 6150Z-1100B |
| 174 | 174-009V | POWER CORD,W/HOLD,HOUSING L=400,4.0 |
| 200 | 4980V00331B | SUPPORTER,SCREEN EGI PN-54A8S |
| 201 | 4980V00169F | SUPPORTER,SCREEN SECC NONE |
| 202 | 4980V00330B | SUPPORTER,SCREEN EGI PN-54A8S |
| 203 | 3350V00035A | SCREEN,DNP NON KP 53, 54(N) - SS ENG (12B) |
| | 3350V00035B | SCREEN *LGEMS |
| 204 | 3790V00298J | FILTER(MECH),DNP KP54N NON NON |
| 230 | 6871VSMW68A | PCB ASSEMBLY,SUB CONT MP03AB RT-44NA43RP M/I |
| 231 | 4810V00505A | BRACKET,CONTROL HIPS 60HR 43NA20,53NA20 |
| | 4810V00522T | BRACKET,CONTROL *LGEMS |
| 232 | 5020V00631A | BUTTON,PT-43NA20/53NA20 , SET |
| | 5020V00631B | BUTTON *LGEMS |
| 240 | 6871VSMV16A | PCB ASSEMBLY,SUB PSW MP03AA M/I |
| 300 | 3211V00032P | FRAME ASSEMBLY,RT-53NA41 3211V00044A LG UPPER |
| | 3211V00092D | FRAME ASSEMBLY *LGEMS |
| 301 | 3091V00430F | CABINET ASSEMBLY,RT-54NA43RB NON MP03AB |
| | 3091V00430H | CABINET ASSEMBLY *LGEMS |
| 302 | 4778V00011B | LEG,ROLLER CASTER 3T . |
| 303 | 3211V00073F | FRAME ASSEMBLY,FRONT LOWER RP-54NA40PA |
| | 3211V00073J | FRAME ASSEMBLY,FRONT LOWER *LGEMS |
| 304 | 3300V00154A | PLATE,FRONT COVER P.B . PT-53NA40 |
| | 3300V00154B | PLATE,FRONT COVER *LGEMS |
| 320 | 320-062J | SPRING,KNOB |
| 330 | 5020V00393H | BUTTON,RN-49NZ10H , SET |
| 410 | 3809V00190T | BACK COVER ASSEMBLY,RP-54NA20P NON 60HR(S/GRAY) |
| 420 | 3809V00182N | BACK COVER ASSEMBLY,RU-49NA13 2PHONE LOWER |
| | 3809V00182P | BACK COVER ASSEMBLY *LGEMS |
| 430 | 5018V00017B | MIRROR,PROJECTION AHSUNG Mirror 54(N) FILM MIRROR |
| | 5018V00017A | MIRROR,PROJECTION *LGEMS |
| 501 | 4810V00752B | BRACKET,MAIN RU-40NZ60 MP03AA HIPS 60HR . |
| 503 | 4810V00830D | BRACKET,REAR AV RP-44NA40A MP03AA HIPS 60HR |
| 510 | 6871VSMV08C | PCB ASSEMBLY,SUB CPT MP03AA M/I NTSC-EXPORT |
| 520 | 6871VMN661E | PCB ASSEMBLY,MAIN MP-03AA M/I RP-44NA20PA 4:3 |
| | 6871VMN661G | PCB ASSEMBLY,MAIN MP-03AA *LGEMS |
| 530 | 6871VDM905B | PCB ASSEMBLY,DEFLECTION MAIN2 MP-03AA RP-44NA20 110-220V WIDE,4:3 |
| | 6871VDM913B | PCB ASSEMBLY,DEFLECTION MAIN2 *LGEMS |
| 540 | 6871VSMC16B | PCB ASSEMBLY,SUB CVG MP03AA CONV-OUT 3 MODE M/I |
| | 6871VSMC16E | PCB ASSEMBLY,SUB CVG MP03AA CONV-OUT 3 MODE M/I *LGEMS |
| 550 | 6871VSMW62B | PCB ASSEMBLY,SUB DIGITAL MP03AA M/I RP-40NZ60 LATIN-AMERICA |
| 570 | 6871VSMW63D | PCB ASSEMBLY,SUB MP03AA M/I NTSC-MICOM RP-44NA20 |
| | 6871VSMW63E | PCB ASSEMBLY,SUB MP03AA M/I NTSC-MICOM *LGEMS |
| 590 | 6871VSMC17B | PCB ASSEMBLY,SUB CVG MP03AA D-CON 3 MODE M/I |
| | 6871VSMC17E | PCB ASSEMBLY,SUB CVG MP03AA D-CON 3 MODE M/I *LGEMS |
| 600 | 6871VPMA28A | PCB ASSEMBLY,POWER SUB MP03AA M/I AC-INPUT LATIN-AMERICA |
| | 6871VPMA28D | PCB ASSEMBLY,POWER SUB MP03AA M/I AC-INPUT LATIN-AMERICA *LGEMS |
| 610 | 6871VSMW32A | PCB ASSEMBLY,SUB S/IN MP03AB SIDE-AV RE-44NA14T 4:3 |
| 620 | 6871VSMV15A | PCB ASSEMBLY,SUB P/AMP MP03AA M/I 1200MM, W/O HOLDER |
| 690 | 6871VSMV58A | PCB ASSEMBLY,SUB VM MP03AA MI STK396-130 |
| 800 | 4410Z-A001L | FBT,4410Z-A001K 44 JW VE TYPE |
| 810 | 180-836K | FOCUS PACK,W18-601-02 YINYANG 180-836H |

# LISTA DE PARTES DE REPUESTO

RUN DATE : 2003.7.12

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| | **IC** | |
| D861 | 0ISK100300A | SLA1003 SIP12 (RU4AM+FMLG12S) LF816 |
| IC01 | 0IZZVA0080A | M30622SP DIP 64P ST MICOM OTP NTSC |
| IC02 | 0IAL241610B | AT24C16A10PI2.7 8PIN DIP ST EEPROM NON |
| IC03 | 0IFA754207A | KA75420ZTA 3P,TO92 TP 4.2V RESET IC |
| IC04 | 0IMCRAL003B | AT24C16410PI2.7 8P PDIP ST EEPROM 164K |
| IC100 | 0ISG111733B | LD1117V33C 3SIP ST REGULATOR |
| IC101 | 0IKE780500Q | KIA7805API 3P TO220 ST REGULATOR 5V |
| IC102 | 0IFA754207A | KA75420ZTA 3P,TO92 TP 4.2V RESET IC |
| IC103 | 0IKE780500Q | KIA7805API 3P TO220 ST REGULATOR 5V |
| IC104 | 0IKE780900M | KIA7809API TO220 ST 3P 9V REGULATOR |
| IC105 | 0ISH052100C | PQ05RD21 4SIP ST REGULATOR |
| IC106 | 0ISH323422A | PQ3RF23 4P(TO220) 3.3V |
| IC107 | 0ISG111725B | LD1117V25 3 SIP ST REGULATOR |
| IC2000 | 0ICTMSG001A | STV2050A 80PIN TQFP TRAY CONVERGENCE IC |
| IC2001 | 0IPRPFA004B | KA2901D 14P SOP TP COMPARATOR |
| IC2002 | 0IPRPFA004B | KA2901D 14P SOP TP COMPARATOR |
| IC2003 | 0ITI347000A | LF347D 14P |
| IC2004 | 0ITI347000A | LF347D 14P |
| IC2005 | 0IAL241610B | AT24C16A10PI2.7 8PIN DIP ST EEPROM NON |
| IC2006 | 0IMCRAL003B | AT24C16410PI2.7 8P PDIP ST EEPROM 164K |
| IC2007 | 0ISG111733B | LD1117V33C 3SIP ST REGULATOR |
| IC2020 | 0IMCRAL003B | AT24C16410PI2.7 8P PDIP ST EEPROM 164K |
| IC2025 | 0IMCRAL003C | AT24C16410SI2.7 8P SOIC R/TP EEPROM |
| IC2026 | 0IMCRAL003C | AT24C16410SI2.7 8P SOIC R/TP EEPROM |
| IC2027 | 0IMCRAL003C | AT24C16410SI2.7 8P SOIC R/TP EEPROM |
| IC2028 | 0IMCRAL003C | AT24C16410SI2.7 8P SOIC R/TP EEPROM |
| IC2060 | 0IFA752700A | KA75270Z 3 TP RESET IC MC007 |
| IC260 | 0IPMGSG016A | LD1086D2T18TR STM 3P 1.8V 1.5A |
| IC261 | 0IPMGSG016A | LD1086D2T18TR STM 3P 1.8V 1.5A |
| IC262 | 0IMCRMN016B | VSP9427BXZC3 144P QFP TRAY DIGITAL |
| IC263 | 0ISA721700C | LA7217M MFP14 TP SYNC SEPARATOR |
| IC264 | 0IMCRFA012A | DM74LS157MX 16P SOIC R/TP 2LINE TO 1LINE |
| IC265 | 0ICTMLG010A | LGDT1000B 128P TRAY DRP2 |
| IC266 | 0IMCRSO008A | CXA2151Q 48P QFP TRAY 60LCD |
| IC2701 | 0ISA392120A | STK392120 18P,SIP BK CONVERGENCE |
| IC2702 | 0ISA392120A | STK392120 18P,SIP BK CONVERGENCE |
| IC401 | 0IKE358000A | KIA358P DIP8 DUAL OPAMP BK |
| IC402 | 0ISS393000G | KA393 COMPARATOR 8DIP BK OP AMP |
| IC403 | 0IKE781200P | KIA7812API TO220 ST 3P 12V |
| IC404 | 0ISA784600A | 7846 SIP,10P BK VOUT IC |
| IC405 | 0IFA754207A | KA75420ZTA 3P,TO92 TP 4.2V RESET IC |
| IC408 | 0IKE358000A | KIA358P DIP8 DUAL OPAMP BK |
| IC409 | 0ISS790500C | KA7905 POWER INTEGRATION TO220 BK |
| IC410 | 0IKE780500Q | KIA7805API 3P TO220 ST REGULATOR 5V |
| IC500 | 0ISH122100B | PQ12RD21 4SIP ST REGULATOR |
| IC501 | 0IMCRSO013B | CXA2180Q SONY 64P QFP TRAY BACKEND IC |
| IC502 | 0IKE780500Q | KIA7805API 3P TO220 ST REGULATOR 5V |
| IC503 | 0ISS393000G | KA393 COMPARATOR 8DIP BK OP AMP |
| IC504 | 0IKE780900M | KIA7809API TO220 ST 3P 9V |
| IC505 | 0IKE780500P | KIA78L05BP(AT) 3P 5V,150MA |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| IC600 | 0IMCRMN007A | MSP3421G QA B8 V3 80P VIRTUAL DOLBY |
| IC601 | 0IKE780800J | KIA7808API 3 ST REGULATOR . |
| IC602 | 0ISS455880A | KA4558D 8SOP OP AMP |
| IC700 | 0ISO206900A | CXA2069Q QFP64 BK I2C BUS AV S/W |
| IC801 | 0ISK665813A | STRF6658B(LF1352) 5PIN |
| IC802 | 0IPMGSK003A | STRA6351 8 DIP ST SMPS 1 CHIP |
| IC831 | 0ILI817000G | LTV817MVB 4P,DIP BK PHOTO COUPLER |
| IC832 | 0ILI817000G | LTV817MVB 4P,DIP BK PHOTO COUPLER |
| IC833 | 0ILI817000G | LTV817MVB 4P,DIP BK PHOTO COUPLER |
| IC851 | 0IMO257633A | LM2576TV3.3 5PIN ST REGULATOR |
| IC881 | 0IKE782400C | KIA7824API 3 ST REGULATOR . |
| IC891 | 0ISK105000A | SE105N 105V ERROR AMP(NO.12) |
| IC901 | 0IZZVF0018C | STK396130 11P VELOCITY MODU. HDTV |
| IC901B | 0IPH611190A | TDA6111Q 9SIP RGB AMP |
| IC901G | 0IPH611190A | TDA6111Q 9SIP RGB AMP |
| IC901R | 0IPH611190A | TDA6111Q 9SIP RGB AMP |
| IC902 | 0IKE781200P | KIA7812API TO220 ST 3P 12V |
| ICT01 | 0IMCRMI002A | M62320P 16DIP ST I/O EXPANDER |
| ICT02 | 0IMCRMI002A | M62320P 16DIP ST I/O EXPANDER |
| ICX601 | 0IMCRNS006A | LM4765T 15P TO220 ST AUDIO |
| | **TRANSISTOR** | |
| IC09 | 0TR830009BA | BSS83 |
| IC10 | 0TR830009BA | BSS83 |
| Q06 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q07 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q100 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q100 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q101 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q101 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q102 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q104 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q107 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q108 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q110 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q111 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q112 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q113 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q114 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q115 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q116 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q117 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q118 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q119 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q200 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q2001 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q2002 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q2003 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q2004 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q2005 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q2013 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| Q2014 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q2015 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q2016 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q2201 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q2202 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q2203 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q2204 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q2205 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q2206 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q2207 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q2208 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q2209 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q2210 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q2211 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q2212 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q2213 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q260 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q261 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q262 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q263 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q264 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q265 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q266 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q267 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q268 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q269 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q270 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q2700 | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |
| Q2701 | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |
| Q2702 | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |
| Q2703 | 0TR126609AA | KTA1266Y(KTA1015) TO92 50V 150MA |
| Q271 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q272 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q273 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q274 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q275 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q276 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q402 | 0TF630000CB | IRFS630B ST TO220F 200V 6.5A |
| Q403 | 0TRTH10007A | 2SC5858 3P VCBO 1700V IC 22A |
| Q405 | 0TR126609AA | KTA1266Y(KTA1015) TO92 50V 150MA |
| Q405 | 0TR126609AA | KTA1266Y(KTA1015) TO92 50V 150MA |
| Q406 | 0TRFC10001A | KSC5042FYDTU ST TO220F 1500V 100MA |
| Q407 | 0TR126609AA | KTA1266Y(KTA1015) TO92 50V 150MA |
| Q408 | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |
| Q409 | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |
| Q410 | 0TR126609AA | KTA1266Y(KTA1015) TO92 50V 150MA |
| Q411 | 0TR205900AB | KTD2059Y TO220IS KEC |
| Q413 | 0TF630000CB | IRFS630B ST TO220F 200V 6.5A |
| Q416 | 0TR187900AA | 2SD1879 BK SANYO |
| Q417 | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |
| Q420 | 0TR421009CB | BF421L(AMMO)TO92 |
| Q423 | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| Q424 | 0TR126609AA | KTA1266Y(KTA1015) TO92 50V 150MA |
| Q428 | 0TR322709AA | KTC3227Y,TP(KTC1627A),KEC |
| Q432 | 0TR126609AA | KTA1266Y(KTA1015) TO92 50V 150MA |
| Q433 | 0TF630000CB | IRFS630B ST TO220F 200V 6.5A |
| Q500 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q501 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q502 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q503 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q504 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q505 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q506 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q507 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q508 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q509 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q510 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q511 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q512 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q513 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q514 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q600 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q601 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q602 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q603 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q606 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q607 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q608 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q609 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q610 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q611 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q612 | 0TR150400BA | CHIP 2SA1504S(ASY) KEC |
| Q613 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q614 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q615 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q700 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q700 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q701 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q702 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q703 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q703 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q704 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q705 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q706 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q707 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q708 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q709 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q710 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q711 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| Q802 | 0TR322709AA | KTC3227Y,TP(KTC1627A),KEC |
| Q831 | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |
| Q832 | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |
| Q872 | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |
| Q891 | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |

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| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| Q901B | 0TR437000BA | KTC4370AY TO220IS KEC |
| Q901G | 0TR437000BA | KTC4370AY TO220IS KEC |
| Q901R | 0TR437000BA | KTC4370AY TO220IS KEC |
| Q902B | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |
| Q902G | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |
| Q902R | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |
| Q905G | 0TR126609AA | KTA1266Y(KTA1015) TO92 50V 150MA |
| QT01 | 0TR319809AA | KTC3198(KTC1815) TO92 50V 150MA |
| QX100 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| QX101 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| QX102 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| QX103 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| QX104 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| QX105 | 0TR387500AA | CHIP 2SC3875S(ALY) KEC |
| QX600 | 0TR322709AA | KTC3227Y,TP(KTC1627A),KEC |
| **DIODE** | | |
| D02 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D2701 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D2702 | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D2703 | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D401 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D402 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D403 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D404 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D406 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D409 | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D410 | 0DD200009AH | RU2AMV(1) TP SANKEN |
| D414 | 0DR150509BA | PR1505G 250NSEC 5UA |
| D415 | 0DR150509BA | PR1505G 250NSEC 5UA |
| D416 | 0DD340009EA | BYW34 TP (2A/400V) TELEFUNKEN |
| D417 | 0DD340009EA | BYW34 TP (2A/400V) TELEFUNKEN |
| D418 | 0DD340009EA | BYW34 TP (2A/400V) TELEFUNKEN |
| D419 | 0DD200009AH | RU2AMV(1) TP SANKEN |
| D420 | 0DD200009AH | RU2AMV(1) TP SANKEN |
| D421 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D422 | 0DD150009CE | GP15J 600V |
| D423 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D424 | 0DD100009AQ | RP1HV(1) |
| D425 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D427 | 0DR360000AA | FMG36S 2.2V 100NSEC 1.0MA |
| D428 | 0DR500000CA | FMQG5GS TO3P 1700V 10A 50A |
| D430 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D431 | 0DR149379AA | 1N4937G 200NSEC 5UA |
| D434 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D435 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D437 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D440 | 0DD200009AH | RU2AMV(1) TP SANKEN |
| D488 | 0DD140009AA | EK14 V(1) 40V 1.5A 40A 0.2US 5MA |
| D500 | 0DD184009AA | KDS184S CHIP 85V 300MA KEC TP |
| D501 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D502 | 0DS113379BA | 1SS133 T72 DO34 90V |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| D503 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D504 | 0DD100009AU | EU1AV(1) TP SANKEN TP SANKEN |
| D505 | 0DD100009AU | EU1AV(1) TP SANKEN TP SANKEN |
| D600 | 0DD184009AA | KDS184S CHIP 85V 300MA KEC TP |
| D601 | 0DD184009AA | KDS184S CHIP 85V 300MA KEC TP |
| D602 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D603 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D604 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D803 | 0DD100009AM | EU1ZV(1) TP SANKEN |
| D804 | 0DD100009AM | EU1ZV(1) TP SANKEN |
| D805 | 0DD100009AM | EU1ZV(1) TP SANKEN |
| D806 | 0DR010009AA | EG01C 1000V 0.5A 10A 100NSEC 50UA |
| D810 | 0DD100009AM | EU1ZV(1) TP SANKEN |
| D811 | 0DD100009AM | EU1ZV(1) TP SANKEN |
| D812 | 0DD100009AM | EU1ZV(1) TP SANKEN |
| D813 | 0DR010009AA | EG01C 1000V 0.5A 10A 100NSEC 50UA |
| D81A | 0DD606000AA | RBV606 600V 6A 150A NA 10UA |
| D81D | 0DD110009DB | RM11CV(1) TP SANKEN TP SANKEN |
| D81F | 0DRSA00121A | FMM26S(LF664) TO220FM 600V 10A |
| D831 | 0DD420000BB | D4L20U SHINDENGEN |
| D832 | 0DZ240009DC | MTZJ2.4B TP ROHMK DO34 0.5W 2 |
| D841 | 0DD420000BB | D4L20U SHINDENGEN |
| D842 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D851 | 0DD420000BB | D4L20U SHINDENGEN |
| D852 | 0DR460009AA | RK46 DO214AC 60V 3.5A 70A 100SEC 3MA |
| D853 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D862 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D863 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D864 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D873 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D874 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D876 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D881 | 0DD100009AM | EU1ZV(1) TP SANKEN |
| D891 | 0DD410000AD | RU4AM,LFL1 SANKEN SANKEN |
| D892 | 0DD410000AD | RU4AM,LFL1 SANKEN SANKEN |
| D901 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D901B | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D901G | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D901R | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D902 | 0DS113379BA | 1SS133 T72 DO34 90V |
| D902B | 0DD060009AC | TVR06J 600V 250NSEC |
| D902G | 0DD060009AC | TVR06J 600V 250NSEC |
| D902R | 0DD060009AC | TVR06J 600V 250NSEC |
| D903 | 0DD060009AC | TVR06J 600V 250NSEC |
| D903B | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D903G | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D903R | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D904B | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D904G | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D904R | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D905B | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D905G | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |

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| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| D905R | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D908B | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D908G | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D908R | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D911B | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D911G | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| D911R | 0DR210009AC | BAV21 DO35 200V 0.2A 1A 50SEC 100A |
| DL701 | 0DL100000AE | LED,SA5711(DL1LO) BK AMBER |
| ZD100 | 0DZ330009DF | ZENERS,MTZJ33B |
| ZD100 | 0DZ330009DF | ZENERS,MTZJ33B |
| ZD101 | 0DZ330009DF | ZENERS,MTZJ33B |
| ZD2610 | 0DZRM00178A | ZENERS,UDZS TE17 5.1B |
| ZD2611 | 0DZRM00178A | ZENERS,UDZS TE17 5.1B |
| ZD2612 | 0DZRM00178A | ZENERS,UDZS TE17 5.1B |
| ZD2805 | 0DZ240009DC | ZENER,MTZJ2.4B |
| ZD401 | 0DZ910009AJ | ZENERS,MTZJ9.1B |
| ZD404 | 0DZ240009DC | ZENER,MTZJ2.4B |
| ZD405 | 0DZ510009DB | ZENERS,MTZJ5.1B |
| ZD406 | 0DZ510009DB | ZENERS,MTZJ5.1B |
| ZD407 | 0DZ820009AH | ZENERS,MTZJ8.2B |
| ZD410 | 0DZ560009CF | ZENERS,MTZJ5.6B |
| ZD411 | 0DZ130009CJ | ZENERS,MTZJ13B |
| ZD412 | 0DZ130009CJ | ZENERS,MTZJ13B |
| ZD503 | 0DZ910009AJ | ZENERS,MTZJ9.1B |
| ZD831 | 0DZ620009BB | ZENERS,MTZJ6.2B |
| ZD901B | 0DZ560009CF | ZENERS,MTZJ5.6B |
| ZD901G | 0DZ560009CF | ZENERS,MTZJ5.6B |
| ZD901R | 0DZ560009CF | ZENERS,MTZJ5.6B |
| ZD902B | 0DZ110009AD | ZENERS,MTZJ11B |
| ZD902G | 0DZ110009AD | ZENERS,MTZJ11B |
| ZD902R | 0DZ110009AD | ZENERS,MTZJ11B |

## CAPACITOR

| | | |
|---|---|---|
| C01P | 0CN1030F679 | 10000P 16V M |
| C02 | 0CE476DD618 | 47UF STD 10V 20% |
| C02P | 0CE476DD618 | 47UF STD 10V 20% |
| C04 | 0CE477DD618 | 470UF STD 10V M |
| C101 | 0CE227DF618 | 220UF STD 16V M |
| C106 | 0CE227DF618 | 220UF STD 16V M |
| C110 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C112 | 0CE106DK618 | 10UF STD 50V M |
| C112 | 0CE106DK618 | 10UF STD 50V M |
| C115 | 0CE477DD618 | 470UF STD 10V M |
| C115 | 0CE477DD618 | 470UF STD 10V M |
| C116 | 0CE108DD618 | 1000UF STD 10V M |
| C118 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C1201 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C1202 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C1203 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C1205 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C1206 | 0CN1040K949 | 0.1M 50V Z F |
| C1208 | 0CN2210K519 | 220P 50V K B |
| C1209 | 0CN2210K519 | 220P 50V K B |
| C121 | 0CE106DF618 | 10UF STD 16V M |
| C125 | 0CE477DD618 | 470UF STD 10V M |
| C126 | 0CE106DK618 | 10UF STD 50V M |
| C129 | 0CE477DD618 | 470UF STD 10V M |
| C13 | 0CC1600K415 | 16P 50V J NP0 TS |
| C134 | 0CE227DF618 | 220UF STD 16V M |
| C14 | 0CC1600K415 | 16P 50V J NP0 TS |
| C140 | 0CE106DF618 | 10UF STD 16V M |
| C142 | 0CE106DF618 | 10UF STD 16V M |
| C15 | 0CE477DD618 | 470UF STD 10V M |
| C158 | 0CE227DF618 | 220UF STD 16V M |
| C16 | 0CE105DK618 | 1UF STD 50V M |
| C163 | 0CE106DF618 | 10UF STD 16V M |
| C167 | 0CE106DF618 | 10UF STD 16V M |
| C17 | 0CC0600K115 | 6P 50V D NP0 TS |
| C174 | 0CE227DF618 | 220UF STD 16V M |
| C178 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C18 | 0CC0500K115 | 5P 50V D NP0 TS |
| C184 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C186 | 0CE476DF618 | 47UF STD 16V M |
| C193 | 0CE106DF618 | 10UF STD 16V M |
| C195 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C196 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C198 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C199 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C2032 | 0CC3310K405 | 330P 50V J SL TS |
| C2033 | 0CC3310K405 | 330P 50V J SL TS |
| C2034 | 0CC3310K405 | 330P 50V J SL TS |
| C2035 | 0CC3310K405 | 330P 50V J SL TS |
| C2036 | 0CC3310K405 | 330P 50V J SL TS |
| C2037 | 0CE108DJ618 | 1000UF STD 35V M |
| C2038 | 0CE108DJ618 | 1000UF STD 35V M |
| C2050 | 0CE108DJ618 | 1000UF STD 35V M |
| C2052 | 0CE107DF618 | 100UF STD 16V M |
| C2054 | 0CE107DF618 | 100UF STD 16V M |
| C2056 | 0CE107DF618 | 100UF STD 16V M |
| C2060 | 0CE108DJ618 | 1000UF STD 35V M |
| C2061 | 0CE108DJ618 | 1000UF STD 35V M |
| C2063 | 0CK1040K945 | 0.1UF 50V Z F TR |
| C2064 | 0CK1040K945 | 0.1UF 50V Z F TR |
| C2065 | 0CK1040K945 | 0.1UF 50V Z F TR |
| C2066 | 0CK1040K945 | 0.1UF 50V Z F TR |
| C2067 | 0CK1040K945 | 0.1UF 50V Z F TR |
| C2069 | 0CK1040K945 | 0.1UF 50V Z F TR |
| C2070 | 0CE477DD618 | 470UF STD 10V M |
| C2071 | 0CE477DD618 | 470UF STD 10V M |
| C2072 | 0CE477DD618 | 470UF STD 10V M |
| C2073 | 0CE477DD618 | 470UF STD 10V M |
| C2074 | 0CK1040K945 | 0.1UF 50V Z F TR |
| C2075 | 0CK1040K945 | 0.1UF 50V Z F TR |
| C2080 | 0CK1040K945 | 0.1UF 50V Z F TR |

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| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C2081 | 0CK1040K945 | 0.1UF 50V Z F TR |
| C2082 | 0CK1040K945 | 0.1UF 50V Z F TR |
| C2094 | 0CK1040K945 | 0.1UF 50V Z F TR |
| C2095 | 0CK1040K945 | 0.1UF 50V Z F TR |
| C2096 | 0CK1040K945 | 0.1UF 50V Z F TR |
| C21 | 0CE105DK618 | 1UF STD 50V M |
| C2142 | 0CE107DF618 | 100UF STD 16V M |
| C2143 | 0CE107DF618 | 100UF STD 16V M |
| C2170 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C2202 | 0CE476DF618 | 47UF STD 16V M |
| C2207 | 0CE476DF618 | 47UF STD 16V M |
| C2210 | 0CE476DF618 | 47UF STD 16V M |
| C2215 | 0CE476DF618 | 47UF STD 16V M |
| C225 | 0CE476VF6DC | 47UF MV 16V 20% |
| C226 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C2406 | 0CE476DF618 | 47UF STD 16V M |
| C2409 | 0CE476DF618 | 47UF STD 16V M |
| C2410 | 0CE476DF618 | 47UF STD 16V M |
| C2413 | 0CE476DF618 | 47UF STD 16V M |
| C260 | 0CE227VF6DC | 220UF MV 16V 20% |
| C2605 | 0CE107DF618 | 100UF STD 16V M |
| C2606 | 0CE107DF618 | 100UF STD 16V M |
| C261 | 0CE227VF6DC | 220UF MV 16V 20% |
| C262 | 0CE227VF6DC | 220UF MV 16V 20% |
| C2621 | 0CE106DF618 | 10UF STD 16V M |
| C2623 | 0CE227DF618 | 220UF STD 16V M |
| C263 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C27 | 0CE107DD618 | 100UF STD 10V M |
| C2700 | 0CC3310K405 | 330P 50V J SL TS |
| C2701 | 0CE108DJ618 | 1000UF STD 35V M |
| C2702 | 0CE108DJ618 | 1000UF STD 35V M |
| C2703 | 0CE108DJ618 | 1000UF STD 35V M |
| C2704 | 0CE225DK618 | 2.2UF STD 50V 20% |
| C2705 | 0CE225DK618 | 2.2UF STD 50V 20% |
| C2706 | 0CK1510K515 | 150P 50V K B TS |
| C2707 | 0CK1510K515 | 150P 50V K B TS |
| C2708 | 0CK1510K515 | 150P 50V K B TS |
| C2709 | 0CK1510K515 | 150P 50V K B TS |
| C271 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C2710 | 0CK1510K515 | 150P 50V K B TS |
| C2711 | 0CK1510K515 | 150P 50V K B TS |
| C2712 | 0CK1030K945 | 0.01UF 50V Z F TR |
| C2713 | 0CK1030K945 | 0.01UF 50V Z F TR |
| C272 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C273 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C274 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C275 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C276 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C277 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C2786 | 0CN1040K949 | 0.1M 50V Z F |
| C279 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C285 | 0CE227VF6DC | 220UF MV 16V 20% |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C286 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C287 | 0CE107VF6DC | 100UF MV 16V 20% |
| C288 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C289 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C290 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C293 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C294 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C295 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C296 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C2961 | 0CE227DD618 | 220UF STD 10V M |
| C297 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C298 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C299 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C30 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C300 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C301 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C302 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C303 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C304 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C305 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C306 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C307 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C308 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C309 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C310 | 0CE227VF6DC | 220UF MV 16V 20% |
| C311 | 0CE227VF6DC | 220UF MV 16V 20% |
| C312 | 0CE105VK6DC | 1UF MV 50V 20% |
| C312 | 0CE105SK6DC | 1UF MVG 50V M |
| C315 | 0CE107VF6DC | 100UF MV 16V 20% |
| C316 | 0CE107VF6DC | 100UF MV 16V 20% |
| C318 | 0CE105VK6DC | 1UF MV 50V 20% |
| C318 | 0CE105SK6DC | 1UF MVG 50V M |
| C319 | 0CE476VF6DC | 47UF MV 16V 20% |
| C320 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C322 | 0CE227VF6DC | 220UF MV 16V 20% |
| C324 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C325 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C327 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C328 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C328 | 0CE105VK6DC | 1UF MV 50V 20% |
| C330 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C331 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C332 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C333 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C334 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C339 | 0CE226SF6DC | 22UF MVG 16V M |
| C340 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C342 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C343 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C344 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C345 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C345 | 0CK104DK56A | 0.1UF 2012 50V 10% |

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|---|---|---|

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C346 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C347 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C348 | 0CE226SF6DC | 22UF MVG 16V M |
| C355 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C355 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C356 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C357 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C358 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C362 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C363 | 0CE105SK6DC | 1UF MVG 50V M |
| C365 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C366 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C367 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C368 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C370 | 0CE106VF6DC | 10UF MV 16V 20% |
| C371 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C372 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C373 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C374 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C38 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C380 | 0CE226SF6DC | 22UF MVG 16V M |
| C381 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C387 | 0CE476VF6DC | 47UF MV 16V 20% |
| C39 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C40 | 0CE476DD618 | 47UF STD 10V 20% |
| C401 | 0CE6851K652 | 6.8UF SM,SA 50V 20% |
| C403 | 0CK47101515 | 470P 1KV K B TS |
| C405 | 0CE107DK618 | 100UF STD 50V M |
| C406 | 181-013Y | MPP 0.82UF 400V 5%,5% |
| C407 | 181-010S | 0.0033UF 800V 5%,5% |
| C409 | 181-009R | PP 200V 0.022UF K |
| C410 | 0CQ6821N509 | 0.0068U 100V K |
| C410 | 0CQ1041N509 | 0.1U 100V K |
| C411 | 181-091G | DEHR33D471KN3A 470PF 2KV 10%,10% |
| C412 | 0CE107DK618 | 100UF STD 50V M |
| C412 | 0CE107DK618 | 100UF STD 50V M |
| C413 | 0CE477DF618 | 470UF STD 16V 20% |
| C414 | 0CE477DF618 | 470UF STD 16V 20% |
| C415 | 181-091G | DEHR33D471KN3A 470PF 2KV 10%,10% |
| C416 | 0CQ3341N401 | 0.33U 100V J |
| C417 | 0CE106DR618 | 10UF STD 250V M |
| C418 | 0CE107DF618 | 100UF STD 16V M |
| C419 | 0CE227DD618 | 220UF STD 10V M |
| C420 | 0CE107DK618 | 100UF STD 50V M |
| C421 | 0CE106DK618 | 10UF STD 50V M |
| C421 | 0CE106DK618 | 10UF STD 50V M |
| C423 | 0CE107DK618 | 100UF STD 50V M |
| C424 | 0CK3320W515 | 3300P 500V K B TS |
| C425 | 0CE107DK618 | 100UF STD 50V M |
| C426 | 0CE107DK618 | 100UF STD 50V M |
| C427 | 181-091Q | R 470PF 1KV 10%,10% |
| C42A | 0CE475DK618 | 4.7UF STD 50V 20% |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C430 | 0CK47101515 | 470P 1KV K B TS |
| C432 | 0CN1020K519 | 1000P 50V K |
| C433 | 0CN1020K519 | 1000P 50V K |
| C435 | 0CQ1042K439 | 0.1UF S 50V 5% |
| C436 | 181-015J | MPP 1600V 0.0086UF H |
| C437 | 0CN6810K519 | 680P 50V K |
| C438 | 0CQ1041N509 | 0.1U 100V K |
| C440 | 0CK56101515 | 560P 1KV K B TS |
| C443 | 0CC1010K415 | 100P 50V J |
| C444 | 0CQ3321N509 | 0.0033U 100V K |
| C446 | 0CN1040K949 | 0.1M 50V Z F |
| C448 | 0CQ1031N509 | 0.01U 100V K |
| C449 | 0CE105DK618 | 1UF STD 50V M |
| C451 | 0CQ2721N409 | 0.0027M 100V J |
| C452 | 0CE105DK618 | 1UF STD 50V M |
| C455 | 0CQ1042K439 | 0.1UF S 50V 5% |
| C461 | 0CK47202510 | 4700P 2KV K B S |
| C462 | 0CE226CR618 | 22UF SHL,SD 250V M |
| C464 | 181-015D | MPP 1600V 0.0062UF H |
| C466 | 0CE227DK618 | 220UF STD 50V M |
| C467 | 0CE227DK618 | 220UF STD 50V M |
| C468 | 181-009V | PP 200V 0.047UF K |
| C469 | 181-007D | MPE ECQV1H154JL3(TR), 50V 0.15UF J |
| C46D | 0CE107DF618 | 100UF STD 16V M |
| C46H | 0CN1040K949 | 0.1M 50V Z F |
| C46K | 0CE106DK618 | 10UF STD 50V M |
| C470 | 0CK3320W515 | 3300P 500V K B TS |
| C471 | 181-091Q | R 470PF 1KV 10%,10% |
| C472 | 181-091Q | R 470PF 1KV 10%,10% |
| C474 | 0CE107DK618 | 100UF STD 50V M |
| C475 | 181-014N | MPP 1600V 0.01UF J |
| C476 | 181-014N | MPP 1600V 0.01UF J |
| C477 | 0CK1810W515 | 180P 500V K B TS |
| C478 | 0CE227BP650 | 220UF KME TYPE 160V 20% |
| C478 | 0CE227BP650 | 220UF KME TYPE 160V 20% |
| C481 | 0CN6810K519 | 680P 50V K B |
| C481 | 0CN6810K519 | 680P 50V K B |
| C484 | 0CE476DK618 | 47UF STD 50V M |
| C486 | 0CE105DK618 | 1UF STD 50V M |
| C491 | 0CN1040K949 | 0.1M 50V Z F |
| C493 | 0CN1040K949 | 0.1M 50V Z F |
| C49A | 0CE106DK618 | 10UF STD 50V M |
| C49B | 0CE106DK618 | 10UF STD 50V M |
| C500 | 0CE477DD618 | 470UF STD 10V M |
| C502 | 181-007H | MPE ECQV1H474JL3(TR), 50V 0.47UF J |
| C503 | 0CE476DD618 | 47UF STD 10V 20% |
| C504 | 181-007H | MPE ECQV1H474JL3(TR), 50V 0.47UF J |
| C506 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C507 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C508 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C509 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C510 | 0CK104DK56A | 0.1UF 2012 50V 10% |

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|---|---|---|

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C511 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C512 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C513 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C514 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C515 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C516 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C517 | 0CE476DF618 | 47UF STD 16V M |
| C518 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C519 | 0CE476DF618 | 47UF STD 16V M |
| C521 | 0CE477DH618 | 470UF STD 25V M |
| C522 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C523 | 181-442Z | PE,ECQB1H104KF3(TR) |
| C524 | 181-442Z | PE,ECQB1H104KF3(TR) |
| C525 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C527 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C528 | 181-007H | MPE ECQV1H474JL3(TR), 50V 0.47UF J |
| C529 | 0CE226DF618 | 22UF STD 16V M |
| C530 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C532 | 0CE227DF618 | 220UF STD 16V M |
| C535 | 0CE106DK618 | 10UF STD 50V M |
| C537 | 0CE476DD618 | 47UF STD 10V 20% |
| C539 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C541 | 0CQ4721N509 | 0.0047U 100V K |
| C542 | 181-007H | MPE ECQV1H474JL3(TR), 50V 0.47UF J |
| C545 | 0CE107DF618 | 100UF STD 16V M |
| C546 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C547 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C549 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C550 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C552 | 0CE108DF618 | 1000UF STD 16V M |
| C552 | 0CE108BF618 | 1000UF KME 16V M |
| C553 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C554 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C555 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C556 | 0CE107DF618 | 100UF STD 16V M |
| C557 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C558 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C559 | 0CE107DF618 | 100UF STD 16V M |
| C560 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C563 | 0CE476DF618 | 47UF STD 16V M |
| C612 | 0CE106DF618 | 10UF STD 16V M |
| C613 | 0CE476DF618 | 47UF STD 16V M |
| C614 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C616 | 0CE476DF618 | 47UF STD 16V M |
| C618 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C619 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C620 | 0CE335DK618 | 3.3UF STD 50V 20% |
| C621 | 0CE106DF618 | 10UF STD 16V M |
| C622 | 0CE106DF618 | 10UF STD 16V M |
| C623 | 0CE107DF618 | 100UF STD 16V M |
| C624 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C629 | 0CK104DK56A | 0.1UF 2012 50V 10% |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C634 | 0CE476DF618 | 47UF STD 16V M |
| C649 | 0CE107DF618 | 100UF STD 16V M |
| C651 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C662 | 0CE226DF618 | 22UF STD 16V M |
| C663 | 0CE226DF618 | 22UF STD 16V M |
| C668 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C670 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C671 | 0CE105DK618 | 1UF STD 50V M |
| C676 | 0CE106DF618 | 10UF STD 16V M |
| C676 | 0CE106DF618 | 10UF STD 16V M |
| C677 | 0CE477DF618 | 470UF STD 16V 20% |
| C678 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C678 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C679 | 181-442Z | PE,ECQB1H104KF3(TR) |
| C686 | 0CE106DK618 | 10UF STD 50V M |
| C687 | 0CE106DK618 | 10UF STD 50V M |
| C688 | 0CE227DH618 | 220UF STD 25V M |
| C688 | 0CE227DF618 | 220UF STD 16V M |
| C690 | 0CE227DD618 | 220UF STD 10V M |
| C691 | 0CE227DD618 | 220UF STD 10V M |
| C700 | 0CE227DF618 | 220UF STD 16V M |
| C702 | 0CE227DF618 | 220UF STD 16V M |
| C703 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C709 | 0CE476DF618 | 47UF STD 16V M |
| C711 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C718 | 0CE105DK618 | 1UF STD 50V M |
| C719 | 0CE105DK618 | 1UF STD 50V M |
| C720 | 0CE475CK636 | 4.7UF SHL,SD 50V 20% |
| C721 | 0CE475CK636 | 4.7UF SHL,SD 50V 20% |
| C723 | 0CE105DK618 | 1UF STD 50V M |
| C724 | 0CE105DK618 | 1UF STD 50V M |
| C725 | 0CE105DK618 | 1UF STD 50V M |
| C726 | 0CE105DK618 | 1UF STD 50V M |
| C727 | 0CE105DK618 | 1UF STD 50V M |
| C728 | 0CK104DK56A | 0.1UF 2012 50V 10% |
| C730 | 0CE105DK618 | 1UF STD 50V M |
| C734 | 0CE105DK618 | 1UF STD 50V M |
| C735 | 0CE105DK618 | 1UF STD 50V M |
| C740 | 0CE108DF618 | 1000UF STD 16V M |
| C741 | 0CE227DF618 | 220UF STD 16V M |
| C742 | 0CE108DH618 | 1000UF STD 25V M |
| C743 | 0CE108DF618 | 1000UF STD 16V M |
| C744 | 0CE477DD618 | 470UF STD 10V M |
| C745 | 0CE477DD618 | 470UF STD 10V M |
| C802 | 0CE3366W650 | 33UF SMS,SG 500V 20% |
| C803 | 181-001U | LUG(85) 470UF 450V 20% |
| C804 | 181-011D | PP 1600V 0.0022UF J |
| C805 | 0CE476BK618 | 47UF KME 50V M |
| C805 | 0CE476DK618 | 47UF STD 50V M |
| C806 | 0CK8210K515 | 820P 50V K B TS |
| C807 | 181-091R | R 1000PF 1KV 10%,10% |
| C80A | 0CQZVBK002B | A.C 275V 0.15UF K (S=22.5) |

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|---|---|---|

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C810 | 0CE476DK618 | 47UF STD 50V M |
| C811 | 0CE476DK618 | 47UF STD 50V M |
| C812 | 0CK8210K515 | 820P 50V K B TS |
| C813 | 181-010K | PP 0.01UF 630V 5% |
| C816 | 181-091Q | R 470PF 1KV 10%,10% |
| C81B | 0CQZVBK002B | A.C 275V 0.15UF K (S=22.5) |
| C81D | 181-001K | CE 450V 220UF M LUG(105) |
| C82A | 0CK10202510 | 1000P 2KV K B S |
| C82B | 0CK10202510 | 1000P 2KV K B S |
| C82C | 181-120P | 470 PF 4KV K |
| C82H | 0CK10202510 | 1000P 2KV K B S |
| C82J | 0CK10202510 | 1000P 2KV K B S |
| C830 | 181-120K | 2200PF 4KV M E |
| C832 | 0CE337DF618 | 330UF STD 16V M |
| C833 | 0CK10201515 | 1000P 1KV K B TS |
| C834 | 0CE475DK618 | 4.7UF STD 50V 20% |
| C841 | 181-091Q | R 470PF 1KV 10%,10% |
| C842 | 0CE228DF618 | 2200UF STD 16V M |
| C851 | 181-091Q | R 470PF 1KV 10%,10% |
| C852 | 0CE2286H61A | 2200UF SMS,SG 25V 20% |
| C853 | 0CE108DF618 | 1000UF STD 16V M |
| C854 | 0CE108DF618 | 1000UF STD 16V M |
| C861 | 181-091Q | R 470PF 1KV 10%,10% |
| C862 | 0CE228CL611 | 2200UF SHL,SD 63V M |
| C863 | 0CE228CL611 | 2200UF SHL,SD 63V M |
| C866 | 0CE475CK636 | 4.7UF SHL,SD 50V 20% |
| C871 | 181-091Q | R 470PF 1KV 10%,10% |
| C872 | 181-091Q | R 470PF 1KV 10%,10% |
| C873 | 0CE228BK650 | 2200UF KME TYPE 50V 20% |
| C874 | 0CE228BK650 | 2200UF KME TYPE 50V 20% |
| C876 | 0CE105DK618 | 1UF STD 50V M |
| C881 | 181-091Q | R 470PF 1KV 10%,10% |
| C882 | 0CE337DK618 | 330UF STD 50V M |
| C884 | 0CE337DK618 | 330UF STD 50V M |
| C888 | 0CE475BP618 | 4.7UF KME TYPE 160V 20% |
| C889 | 0CN1030F679 | 10000P 16V M Y |
| C891 | 181-091R | R 1000PF 1KV 10%,10% |
| C892 | 0CE227BP650 | 220UF KME TYPE 160V 20% |
| C893 | 0CE227BP650 | 220UF KME TYPE 160V 20% |
| C895 | 181-091R | R 1000PF 1KV 10%,10% |
| C896 | 0CE227BP650 | 220UF KME TYPE 160V 20% |
| C897 | 0CE107CP618 | 100U SHL 160V M |
| C898 | 0CQ1041N509 | 0.1U 100V K |
| C899 | 0CE475BP618 | 4.7UF KME TYPE 160V 20% |
| C901 | 0CE106BK618 | 10UF KME 50V M |
| C901B | 0CE107DF618 | 100UF STD 16V M |
| C901G | 0CE107DF618 | 100UF STD 16V M |
| C901R | 0CE107DF618 | 100UF STD 16V M |
| C902 | 0CE106DH618 | 10UF STD 25V M |
| C902B | 0CE475DK618 | 4.7UF STD 50V 20% |
| C902G | 0CE475DK618 | 4.7UF STD 50V 20% |
| C902R | 0CE475DK618 | 4.7UF STD 50V 20% |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C903 | 0CE107DH618 | 100UF STD 25V M |
| C903B | 0CK1040K945 | 0.1UF 50V Z F TR |
| C903G | 0CK1040K945 | 0.1UF 50V Z F TR |
| C903R | 0CK1040K945 | 0.1UF 50V Z F TR |
| C904 | 0CE107DF618 | 100UF STD 16V M |
| C904B | 0CK1040K945 | 0.1UF 50V Z F TR |
| C904G | 0CK1040K945 | 0.1UF 50V Z F TR |
| C904R | 0CK1040K945 | 0.1UF 50V Z F TR |
| C905 | 0CE107DH618 | 100UF STD 25V M |
| C905B | 0CC0500K115 | 5P 50V D NP0 TS |
| C905G | 0CC0500K115 | 5P 50V D NP0 TS |
| C905R | 0CC0200K115 | 2P 50V D NP0 TS |
| C906 | 0CE106DP618 | 10UF STD 160V M |
| C906B | 0CE476DR618 | 47UF STD 250V 20% |
| C906G | 0CE476DR618 | 47UF STD 250V 20% |
| C906R | 0CE476DR618 | 47UF STD 250V 20% |
| C907B | 0CE106DR618 | 10UF STD 250V M |
| C907G | 0CE106DR618 | 10UF STD 250V M |
| C907R | 0CE106DR618 | 10UF STD 250V M |
| C908 | 0CE107DF618 | 100UF STD 16V M |
| C908B | 0CK5610W515 | 560P 500V K B TS |
| C908G | 0CK5610W515 | 560P 500V K B TS |
| C908R | 0CK5610W515 | 560P 500V K B TS |
| C909 | 0CE107DK618 | 100UF STD 50V M |
| C909B | 0CK22202515 | 2200PF 2KV K B TR |
| C909G | 0CK22202515 | 2200PF 2KV K B TR |
| C909R | 0CK22202515 | 2200PF 2KV K B TR |
| C910 | 0CQ1031N509 | 0.01U 100V K |
| C910B | 0CN1040K949 | 0.1M 50V Z F |
| C910G | 0CN1040K949 | 0.1M 50V Z F |
| C910R | 0CN1040K949 | 0.1M 50V Z F |
| C911 | 181-007C | MPE ECQV1H104JL3(TR), 50V 0.1UF J |
| C911B | 0CQZVBK002A | A.C 275V 0.1UF M (S=15) |
| C911G | 0CQZVBK002A | A.C 275V 0.1UF M (S=15) |
| C911R | 0CQZVBK002A | A.C 275V 0.1UF M (S=15) |
| C912 | 181-007C | MPE ECQV1H104JL3(TR), 50V 0.1UF J |
| C912B | 0CK1030W510 | 0.01U 500V K B S |
| C912G | 0CK1030W510 | 0.01U 500V K B S |
| C912R | 0CK1030W510 | 0.01U 500V K B S |
| C913 | 0CC1510K405 | 150PF 50V J SL TR |
| C914 | 0CN1040K949 | 0.1M 50V Z F |
| C915 | 181-091N | SL 100PF 1KV 10%,10% |
| C916 | 181-091N | SL 100PF 1KV 10%,10% |
| C917 | 0CK1030W510 | 0.01U 500V K B S |
| C917G | 0CN4710K519 | 470P 50V K B |
| C936 | 0CE107BP61A | 100UF KME 160V M |
| C941 | 0CK1030W510 | 0.01U 500V K B S |
| CT03 | 0CN1040K949 | 0.1M 50V Z F |
| CT04 | 0CE1074F618 | 100UF SRA 16V M |
| CT05 | 0CN1040K949 | 0.1M 50V Z F |
| CT06 | 0CE1074F618 | 100UF SRA 16V M |
| CX101 | 0CE107DF618 | 100UF STD 16V M |

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|---|---|---|

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| CX102 | 0CE106DF618 | 10UF STD 16V M |
| CX103 | 0CE106DF618 | 10UF STD 16V M |
| CX104 | 0CE106DF618 | 10UF STD 16V M |
| CX113 | 0CE106DF618 | 10UF STD 16V M |
| CX114 | 0CE106DF618 | 10UF STD 16V M |
| CX115 | 0CE106DF618 | 10UF STD 16V M |
| CX124 | 0CE107DF618 | 100UF STD 16V M |
| CX600 | 0CE226DK618 | 22UF STD 50V M |
| CX600 | 0CE226DK618 | 22UF STD 50V M |
| CX601 | 0CQ1831N509 | 0.018U 100V K |
| CX603 | 181-442Z | PE,ECQB1H104KF3(TR) |
| CX604 | 181-442Z | PE,ECQB1H104KF3(TR) |
| CX609 | 0CQ1831N509 | 0.018U 100V K |
| CX610 | 0CE104DK618 | 0.1000UF STD 50V M |
| CX611 | 0CE106DK618 | 10UF STD 50V M |
| CX612 | 181-442Z | PE,ECQB1H104KF3(TR) |
| CX613 | 0CE106DK618 | 10UF STD 50V M |
| CX615 | 0CE226DK618 | 22UF STD 50V M |
| CX616 | 0CE226DK618 | 22UF STD 50V M |
| CX617 | 0CE108DK61A | 1000UF STD 50V M |
| CX618 | 0CE108DK61A | 1000UF STD 50V M |
| CX619 | 181-442Z | PE,ECQB1H104KF3(TR) |
| CX630 | 0CE228DK650 | 2200UF STD 50V M |
| R41L | 0CN1020K519 | 1000P 50V K B |
| R41L | 0CN1020K519 | 1000P 50V K B |
| **JACK** | | |
| JA1201 | 6613V00010D | JACK ASSEMBLY,PMJ016D A/V 3P+SVHS |
| JK100 | 6612JH003FB | JACK,RCA PPJ136B 9PIN A/V 2IN.1OUT |
| JK101 | 380-404A | JACK,DIN PHSJ9504 |
| JK600 | 6612JH003FC | JACK,RCA PPJ136C 5PIN A/V(3)IN,AD(2)OUT |
| JKX100 | 6612VJH022C | JACK,RCA PPJ125C 10PIN,COMPO6,AD4 |
| **COIL & TRANSFORMER** | | |
| L01P | 0LA0102K119 | INDUCTOR,10UH K |
| L03 | 0LA0102K119 | INDUCTOR,10UH K |
| L04 | 0LA0391K119 | INDUCTOR,3.9UH K |
| L100 | 0LA0102K139 | INDUCTOR,10UH K |
| L100 | 0LA0102K139 | INDUCTOR,10UH K |
| L102 | 0LA0102K139 | INDUCTOR,10UH K |
| L1203 | 0LA0472K119 | INDUCTOR,47UH K |
| L1204 | 0LA0472K119 | INDUCTOR,47UH K |
| L261 | 0LA0102K119 | INDUCTOR,10UH K |
| L265 | 0LA0102K119 | INDUCTOR,10UH K |
| L2700 | 150-C02F | COIL,CHOKE 82UH |
| L2701 | 150-C02F | COIL,CHOKE 82UH |
| L2702 | 150-C02F | COIL,CHOKE 82UH |
| L2703 | 150-C02F | COIL,CHOKE 82UH |
| L2704 | 0LA0101K119 | INDUCTOR,1.0UH K |
| L2705 | 0LA0101K119 | INDUCTOR,1.0UH K |
| L2706 | 0LA0101K119 | INDUCTOR,1.0UH K |
| L2707 | 0LA0101K119 | INDUCTOR,1.0UH K |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| L2708 | 0LA0101K119 | INDUCTOR,1.0UH K |
| L2709 | 0LA0101K119 | INDUCTOR,1.0UH K |
| L2711 | 0LA0102K139 | INDUCTOR,10UH K |
| L2712 | 0LA0102K139 | INDUCTOR,10UH K |
| L401 | 150-717J | COIL,CHOKE 560UH (E/W) |
| L402 | 6140VE0001Z | COIL,LINEARITY 30.5TURN |
| L404 | 0LA1001K139 | INDUCTOR,1000UH 10% A |
| L405 | 150-717K | COIL,CHOKE 1.1UH |
| L405 | 150-717J | COIL,CHOKE 560UH (E/W) |
| L500 | 0LA0222K119 | INDUCTOR,22UH K |
| L501 | 0LA0102K119 | INDUCTOR,10UH K |
| L502 | 0LA0222K119 | INDUCTOR,22UH K |
| L503 | 0LA0102K119 | INDUCTOR,10UH K |
| L702 | 150-C02F | COIL,CHOKE 82UH |
| L703 | 150-C02F | COIL,CHOKE 82UH |
| L704 | 150-C02F | COIL,CHOKE 82UH |
| L852 | 6170VZ0005A | TRANSFORMER,HDRIVER IRON15 120UH |
| L861 | 150-C02F | COIL,CHOKE 82UH |
| L891 | 150-C02F | COIL,CHOKE 82UH |
| L892 | 150-C02F | COIL,CHOKE 82UH |
| L901 | 150-C02F | COIL,CHOKE 82UH |
| L902 | 150-C02F | COIL,CHOKE 82UH |
| LT01 | 0LA0102K119 | INDUCTOR,10UH K |
| T401 | 6170VC0009A | TRANSFORMER,HDRIVER EI2519 8700UH |
| T401 | 151-515A | TRANSFORMER,HDRIVER EI 2519 4.5MH |
| T402 | 6170VC0009A | TRANSFORMER,HDRIVER EI2519 8700UH |
| T403 | 6174V-5007A | FBT,6174Z6500A 44 JW 6174Z6400B VE . |
| T405 | 6170VMCA13R | TRANSFORMER,SMPS[COIL] EER4215 1.2UUH |
| T406 | 151-E06A | TRANSFORMER,POWER EER2834 0UH |
| T801 | 6170VMCB16A | TRANSFORMER,SMPS[COIL] EE5555 200UH |
| T805 | 6170VS0004B | TRANSFORMER,STANDBY EE2229 2200UUH |
| **CONNECTOR** | | |
| P100 | 6631V25A04A | CONNECTOR ASSEMBLY,14P 2.5MM |
| P101 | 387-A08A | CONNECTOR ASSEMBLY,8P 2.5MM |
| P401A | 387-A08A | CONNECTOR ASSEMBLY,8P 2.5MM |
| P403A | 387-A09A | CONNECTOR ASSEMBLY,9P 2.5MM |
| P404A | 387-A07A | CONNECTOR ASSEMBLY,7P 2.5MM |
| P502 | 387-B04H | CONNECTOR ASSY,4P(L=450) |
| P801B | 6631V23001S | CONNECTOR ASSEMBLY,2P 10.0MM |
| P802B | 6631V23001T | CONNECTOR ASSEMBLY,3P 10.0MM |
| P841A | 6631V25A04A | CONNECTOR ASSEMBLY,14P 2.5MM |
| P861A | 387-A04A | CONNECTOR ASSEMBLY,4P 2.5MM |
| P903A | 6631V00017E | CONNECTOR ASSEMBLY,9P 2.5MM |
| P904A | 6631V00017E | CONNECTOR ASSEMBLY,9P 2.5MM |
| **RESISTOR** | | |
| AR01 | 0RRZVTA001A | MNR14E0AJ101 R OHM 100 OHM 5% |
| AR02 | 0RRZVTA001A | MNR14E0AJ101 R OHM 100 OHM 5% |
| AR03 | 0RRZVTA001A | MNR14E0AJ101 R OHM 100 OHM 5% |
| AR04 | 0RRZVTA001A | MNR14E0AJ101 R OHM 100 OHM 5% |
| AR05 | 0RRZVTA001A | MNR14E0AJ101 R OHM 100 OHM 5% |

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| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| AR06 | 0RRZVTA001A | MNR14E0AJ101 R OHM 100 OHM 5% |
| L204 | 0RN1001G509 | 1K OHM 1/4 W 2.00% |
| L403 | 0RF0111K607 | 1.1 OHM 2 W 5.00% |
| R114 | 0RD2201H609 | 2.2K OHM 1/2 W 5.00% |
| R114 | 0RD2201H609 | 2.2K OHM 1/2 W 5.00% |
| R1201 | 0RD0752F609 | 75 OHM 1/6 W 5.00% |
| R1202 | 0RD0752F609 | 75 OHM 1/6 W 5.00% |
| R1203 | 0RD0752F609 | 75 OHM 1/6 W 5.00% |
| R1204 | 0RD2403F609 | 240K OHM 1/6 W 5.00% |
| R1205 | 0RD2403F609 | 240K OHM 1/6 W 5.00% |
| R127 | 0RD2201H609 | 2.2K OHM 1/2 W 5.00% |
| R2095 | 0RF0470K607 | 0.47 OHM 2 W 5.00% |
| R2096 | 0RF0470K607 | 0.47 OHM 2 W 5.00% |
| R260 | 0RS0102K607 | 10 OHM 2 W 5.00% |
| R261 | 0RS0102K607 | 10 OHM 2 W 5.00% |
| R2700 | 0RS2200K607 | 220 OHM 2 W 5.00% |
| R2703 | 0RD2701F609 | 2.7K OHM 1/6 W 5% |
| R2704 | 0RD2701F609 | 2.7K OHM 1/6 W 5% |
| R2705 | 0RD2701F609 | 2.7K OHM 1/6 W 5% |
| R2706 | 0RD2701F609 | 2.7K OHM 1/6 W 5% |
| R2707 | 0RD2701F609 | 2.7K OHM 1/6 W 5% |
| R2708 | 0RD2701F609 | 2.7K OHM 1/6 W 5% |
| R2709 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% |
| R2710 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% |
| R2711 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% |
| R2712 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% |
| R2713 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% |
| R2714 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% |
| R2715 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R2716 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R2717 | 0RD2702F609 | 27K OHM 1/6 W 5.00% |
| R2718 | 0RD2702F609 | 27K OHM 1/6 W 5.00% |
| R2719 | 0RD4702F609 | 47K OHM 1/6 W 5% |
| R2720 | 0RD4702F609 | 47K OHM 1/6 W 5% |
| R2721 | 0RD4702F609 | 47K OHM 1/6 W 5% |
| R2722 | 0RD4702F609 | 47K OHM 1/6 W 5% |
| R2723 | 0RD4702F609 | 47K OHM 1/6 W 5% |
| R2724 | 0RD4702F609 | 47K OHM 1/6 W 5% |
| R2725 | 0RS0391K607 | 3.9 OHM 2 W 5.00% |
| R2726 | 0RS0391K607 | 3.9 OHM 2 W 5.00% |
| R2727 | 0RS0391K607 | 3.9 OHM 2 W 5.00% |
| R2728 | 0RS0391K607 | 3.9 OHM 2 W 5.00% |
| R2729 | 0RS0391K607 | 3.9 OHM 2 W 5.00% |
| R2730 | 0RS0391K607 | 3.9 OHM 2 W 5.00% |
| R2731 | 0RS0391K607 | 3.9 OHM 2 W 5.00% |
| R2732 | 0RS0391K607 | 3.9 OHM 2 W 5.00% |
| R2733 | 0RS0391K607 | 3.9 OHM 2 W 5.00% |
| R2734 | 0RS0391K607 | 3.9 OHM 2 W 5.00% |
| R2735 | 0RS0391K607 | 3.9 OHM 2 W 5.00% |
| R2736 | 0RS0391K607 | 3.9 OHM 2 W 5.00% |
| R2737 | 0RS2200K607 | 220 OHM 2 W 5.00% |
| R2738 | 0RS2200K607 | 220 OHM 2 W 5.00% |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R2739 | 0RS2200K607 | 220 OHM 2 W 5.00% |
| R2740 | 0RS2200K607 | 220 OHM 2 W 5.00% |
| R2741 | 0RS2200K607 | 220 OHM 2 W 5.00% |
| R2742 | 0RS2200K607 | 220 OHM 2 W 5.00% |
| R2743 | 0RS2200K607 | 220 OHM 2 W 5.00% |
| R2744 | 0RS2200K607 | 220 OHM 2 W 5.00% |
| R2745 | 0RS2200K607 | 220 OHM 2 W 5.00% |
| R2746 | 0RS2200K607 | 220 OHM 2 W 5.00% |
| R2747 | 0RS2200K607 | 220 OHM 2 W 5.00% |
| R2748 | 0RD1000F609 | 100 OHM 1/6 W 5% |
| R2780 | 0RD1601F609 | 1.6K OHM 1/6 W 5.00% |
| R2781 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R2782 | 0RD1601F609 | 1.6K OHM 1/6 W 5.00% |
| R2783 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R2784 | 0RD1601F609 | 1.6K OHM 1/6 W 5.00% |
| R2785 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R2786 | 0RD1601F609 | 1.6K OHM 1/6 W 5.00% |
| R2787 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R2788 | 0RD1601F609 | 1.6K OHM 1/6 W 5.00% |
| R2789 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R2790 | 0RD1601F609 | 1.6K OHM 1/6 W 5.00% |
| R2791 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R2792 | 0RD1002F609 | 10K OHM 1/6 W 5% |
| R2793 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R2794 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R2795 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R2796 | 0RD2201F609 | 2.2K OHM 1/6 W 5.00% |
| R2797 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R2798 | 0RD1002F609 | 10K OHM 1/6 W 5% |
| R316 | 0RN1002F409 | 10K OHM 1/6 W 1.00% |
| R400 | 0RF0470H609 | 0.47 OHM 1/2 W 5.00% |
| R401 | 0RD1200H609 | 120 OHM 1/2 W 5.00% |
| R402 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% |
| R403 | 0RS2200K607 | 220 OHM 2 W 5.00% |
| R403 | 0RD1200H609 | 120 OHM 1/2 W 5.00% |
| R404 | 0RD6200F609 | 620 OHM 1/6 W 5.00% |
| R405 | 0RS3902K607 | 39K OHM 2 W 5.00% |
| R405 | 0RS3902K607 | 39K OHM 2 W 5.00% |
| R406 | 0RS3902K607 | 39K OHM 2 W 5.00% |
| R407 | 0RS3902K607 | 39K OHM 2 W 5.00% |
| R408 | 0RD1000H609 | 100 OHM 1/2 W 5.00% |
| R409 | 0RS5101H609 | 5.1K OHM 1/2 W 5.00% |
| R40A | 0RD4702F609 | 47K OHM 1/6 W 5% |
| R40C | 0RD7501F609 | 7.5K OHM 1/6 W 5.00% |
| R40C | 0RD7501F609 | 7.5K OHM 1/6 W 5.00% |
| R40D | 0RD1800F609 | 180 OHM 1/6 W 5.00% |
| R40E | 0RD7502H609 | 75K OHM 1/2 W 5.00% |
| R40F | 0RS1002H609 | 10K OHM 1/2 W 5.00% |
| R40F | 0RS1002H609 | 10K OHM 1/2 W 5.00% |
| R40G | 0RD0682F609 | 68 OHM 1/6 W 5.00% |
| R40H | 0RD3300F609 | 330 OHM 1/6 W 5.00% |
| R40I | 0RD4701F609 | 4.7K OHM 1/6 W 5% |

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| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R40J | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R40K | 0RD2403H609 | 240K OHM 1/2 W 5.00% |
| R40L | 0RD1501F609 | 1.5K OHM 1/6 W 5% |
| R40M | 0RD2001H609 | 2K OHM 1/2 W 5.00% |
| R40N | 0RF0470H609 | 0.47 OHM 1/2 W 5.00% |
| R40P | 0RD2201F609 | 2.2K OHM 1/6 W 5.00% |
| R40Q | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% |
| R40Q | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% |
| R40T | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R40T | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R40U | 0RD1602F609 | 16K OHM 1/6 W 5.00% |
| R40V | 0RD2401F609 | 2.4K OHM 1/6 W 5.00% |
| R40W | 0RD2002F609 | 20K OHM 1/6 W 5.00% |
| R40W | 0RD2002F609 | 20K OHM 1/6 W 5.00% |
| R40X | 0RD0102F609 | 10 OHM 1/6 W 5% |
| R40Y | 0RF0470H609 | 0.47 OHM 1/2 W 5.00% |
| R40Z | 0RD4700H609 | 470 OHM 1/2 W 5.00% |
| R410 | 0RS6801K607 | 6.8K OHM 2 W 5.00% |
| R411 | 0RD1502H609 | 15K OHM 1/2 W 5.00% |
| R412 | 0RD2201H609 | 2.2K OHM 1/2 W 5.00% |
| R413 | 0RS3902K607 | 39K OHM 2 W 5.00% |
| R414 | 0RF0201K607 | 2 OHM 2 W 5.00% |
| R415 | 0RF0201K607 | 2 OHM 2 W 5.00% |
| R416 | 180-C02M | 5.6K OHM 1/2 W 10% |
| R417 | 0RD1501H609 | 1.5K OHM 1/2 W 5.00% |
| R418 | 0RD1002F609 | 10K OHM 1/6 W 5% |
| R419 | 0RS0221H609 | 2.2 OHM 1/2 W 5.00% |
| R41A | 0RD1000F609 | 100 OHM 1/6 W 5% |
| R41B | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R41C | 0RD1200H609 | 120 OHM 1/2 W 5.00% |
| R41D | 0RD1002F609 | 10K OHM 1/6 W 5% |
| R41E | 0RD1200H609 | 120 OHM 1/2 W 5.00% |
| R41G | 0RD2200H609 | 220 OHM 1/2 W 5.00% |
| R41K | 0RD8202F609 | 82K OHM 1/6 W 5.00% |
| R41P | 0RD1200H609 | 120 OHM 1/2 W 5.00% |
| R41R | 0RD1200H609 | 120 OHM 1/2 W 5.00% |
| R420 | 0RD3302F609 | 33K OHM 1/6 W 5% |
| R421 | 0RD0102F609 | 10 OHM 1/6 W 5% |
| R423 | 0RS1500K607 | 150 OHM 2 W 5.00% |
| R425 | 0RF0111K607 | 1.1 OHM 2 W 5.00% |
| R426 | 0RF0121K607 | 1.2 OHM 2 W 5.00% |
| R428 | 0RN5601F409 | 5.6K OHM 1/6 W 1.00% |
| R429 | 0RD1303F609 | 130K OHM 1/6 W 5.00% |
| R42A | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R430 | 0RS4702H609 | 47K OHM 1/2 W 5.00% |
| R431 | 0RS0101H609 | 1 OHM 1/2 W 5.00% |
| R432 | 0RD4700H609 | 470 OHM 1/2 W 5.00% |
| R432 | 0RD4700H609 | 470 OHM 1/2 W 5.00% |
| R433 | 0RF0561K607 | 5.6 OHM 2 W 5.00% |
| R434 | 0RF0121K607 | 1.2 OHM 2 W 5.00% |
| R435 | 0RN5601F409 | 5.6K OHM 1/6 W 1.00% |
| R436 | 0RD1102F609 | 11K OHM 1/6 W 5.00% |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R437 | 0RD2201F609 | 2.2K OHM 1/6 W 5.00% |
| R438 | 0RD2001F609 | 2K OHM 1/6 W 5% |
| R439 | 0RD2201F609 | 2.2K OHM 1/6 W 5.00% |
| R440 | 0RD1501F609 | 1.5K OHM 1/6 W 5% |
| R441 | 0RD1102F609 | 11K OHM 1/6 W 5.00% |
| R442 | 0RD5101F609 | 5.1K OHM 1/6 W 5.00% |
| R443 | 0RD0472F609 | 47 OHM 1/6 W 5% |
| R445 | 0RD1000H609 | 100 OHM 1/2 W 5.00% |
| R449 | 0RD1002F609 | 10K OHM 1/6 W 5% |
| R450 | 0RD1501F609 | 1.5K OHM 1/6 W 5% |
| R451 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R452 | 0RD1501F609 | 1.5K OHM 1/6 W 5% |
| R453 | 0RD1000H609 | 100 OHM 1/2 W 5.00% |
| R454 | 0RD1000H609 | 100 OHM 1/2 W 5.00% |
| R454 | 0RS0470H609 | 0.47 OHM 1/2 W 5.00% |
| R455 | 0RD1000H609 | 100 OHM 1/2 W 5.00% |
| R457 | 0RD1000F609 | 100 OHM 1/6 W 5% |
| R458 | 0RD3003F609 | 300K OHM 1/6 W 5.00% |
| R459 | 0RD1002F609 | 10K OHM 1/6 W 5% |
| R460 | 0RD3302F609 | 33K OHM 1/6 W 5% |
| R461 | 0RD1002F609 | 10K OHM 1/6 W 5% |
| R463 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R464 | 0RD2001F609 | 2K OHM 1/6 W 5% |
| R465 | 0RD4700F609 | 470 OHM 1/6 W 0.05 |
| R466 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R467 | 0RD1000F609 | 100 OHM 1/6 W 5% |
| R468 | 0RD4700F609 | 470 OHM 1/6 W 0.05 |
| R468 | 0RD4700F609 | 470 OHM 1/6 W 0.05 |
| R469 | 0RS3900K607 | 390 OHM 2 W 5.00% |
| R46A | 0RD2201F609 | 2.2K OHM 1/6 W 5.00% |
| R46D | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% |
| R470 | 0RS2002H609 | 20K OHM 1/2 W 5.00% |
| R473 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% |
| R474 | 0RD2701H609 | 2.7K OHM 1/2 W 5.00% |
| R475 | 0RD2200H609 | 220 OHM 1/2 W 5.00% |
| R476 | 0RS3900K607 | 390 OHM 2 W 5.00% |
| R477 | 0RD2201F609 | 2.2K OHM 1/6 W 5.00% |
| R478 | 0RS2001K607 | 2K OHM 2 W 5.00% |
| R479 | 0RD5601F609 | 5.6K OHM 1/6 W 5% |
| R480 | 0RS2001K607 | 2K OHM 2 W 5.00% |
| R481 | 0RS3902K607 | 39K OHM 2 W 5.00% |
| R482 | 0RS3902K607 | 39K OHM 2 W 5.00% |
| R483 | 0RN2002F409 | 20K OHM 1/6 W 1.00% |
| R484 | 0RN9102F409 | 91K OHM 1/6 W 1.00% |
| R485 | 0RS0561K607 | 5.6 OHM 2 W 5.00% |
| R486 | 0RS1002H609 | 10K OHM 1/2 W 5.00% |
| R487 | 0RS0202K607 | 20 OHM 2 W 5.00% |
| R487 | 0RS0561K607 | 5.6 OHM 2 W 5.00% |
| R488 | 180-A01E | 2 W RW ROUND G 2W 0.33J |
| R488 | 180-A01B | RW ROUND G 2W 0.11 K |
| R489 | 0RD0472F609 | 47 OHM 1/6 W 5% |
| R490 | 0RN2202F409 | 22K OHM 1/6 W 1.00% |

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RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R491 | 180-A01B | RW ROUND G 2W 0.11 K |
| R492 | 0RD1303F609 | 130K OHM 1/6 W 5.00% |
| R493 | 0RF0470H609 | 0.47 OHM 1/2 W 5.00% |
| R494 | 0RF0121H609 | 1.2 OHM 1/2 W 5.00% |
| R495 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R496 | 0RD1602F609 | 16K OHM 1/6 W 5.00% |
| R497 | 0RD7501F609 | 7.5K OHM 1/6 W 5.00% |
| R498 | 0RS2702H609 | 27K OHM 1/2 W 5.00% |
| R499 | 0RD2002F609 | 20K OHM 1/6 W 5.00% |
| R694 | 0RD1001H609 | 1K OHM 1/2 W 5.00% |
| R695 | 0RD1001H609 | 1K OHM 1/2 W 5.00% |
| R802 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R803 | 180-A01P | 0.13 OHM 2 W 5% |
| R803 | 180-A01D | RW ROUND G 2W 0.16 J |
| R804 | 180-A01D | RW ROUND G 2W 0.16 J |
| R805 | 0RD0562H609 | 56 OHM 1/2 W 5.00% |
| R807 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R808 | 0RD3301F609 | 3.3K OHM 1/6 W 5.00% |
| R815 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R817 | 0RD1003H609 | 100K OHM 1/2 W 5.00% |
| R818 | 0RD1003H609 | 100K OHM 1/2 W 5.00% |
| R819 | 0RS0470H609 | 0.47 OHM 1/2 W 5.00% |
| R820 | 0RS1203K607 | 120K OHM 2 W 5.00% |
| R821 | 0RS0331H609 | 3.3 OHM 1/2 W 5.00% |
| R827 | 0RD0681H609 | 6.8 OHM 1/2 W 5.00% |
| R828 | 0RD2001H609 | 2K OHM 1/2 W 5.00% |
| R829 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R830 | 180-C02J | ERC12GK106V(RC 1/2W 10M K TA) |
| R831 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R832 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R833 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R834 | 0RD7500F609 | 750 OHM 1/6 W 5% |
| R835 | 0RD9100F609 | 910 OHM 1/6 W 5.00% |
| R837 | 0RD2201F609 | 2.2K OHM 1/6 W 5.00% |
| R839 | 0RD1501F609 | 1.5K OHM 1/6 W 5% |
| R840 | 0RD1002F609 | 10K OHM 1/6 W 5% |
| R851 | 0RD9100F609 | 910 OHM 1/6 W 5.00% |
| R861 | 180-777H | RWR 7W 910 J VERT |
| R871 | 0RD4302F609 | 43K OHM 1/6 W 5.00% |
| R872 | 0RD5602F609 | 56K OHM 1/6 W 5% |
| R887 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R891 | 0RN1201F409 | 1.2K OHM 1/6 W 1.00% |
| R892 | 0RN1801F409 | 1.8K OHM 1/6 W 1.00% |
| R893 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R894 | 0RD2001F609 | 2K OHM 1/6 W 5% |
| R895 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| R897 | 0RS3301K607 | 3.3K OHM 2 W 5.00% |
| R898 | 0RS3301K607 | 3.3K OHM 2 W 5.00% |
| R899 | 0RS0161K607 | 1.6 OHM 2 W 5.00% |
| R901 | 0RD2200F609 | 220 OHM 1/6 W 5.00% |
| R901B | 0RD1000F609 | 100 OHM 1/6 W 5% |
| R901G | 0RD1000F609 | 100 OHM 1/6 W 5% |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R901R | 0RD1000F609 | 100 OHM 1/6 W 5% |
| R902 | 0RD2200F609 | 220 OHM 1/6 W 5.00% |
| R902B | 0RD5101F609 | 5.1K OHM 1/6 W 5.00% |
| R902G | 0RD5101F609 | 5.1K OHM 1/6 W 5.00% |
| R902R | 0RD5101F609 | 5.1K OHM 1/6 W 5.00% |
| R903 | 0RD1200F609 | 120 OHM 1/6 W 5.00% |
| R903B | 0RN3001F409 | 3K OHM 1/6 W 1.00% |
| R903G | 0RN3001F409 | 3K OHM 1/6 W 1.00% |
| R903R | 0RN3001F409 | 3K OHM 1/6 W 1.00% |
| R904 | 0RD1002F609 | 10K OHM 1/6 W 5% |
| R904B | 0RD6200F609 | 620 OHM 1/6 W 5.00% |
| R904G | 0RD6200F609 | 620 OHM 1/6 W 5.00% |
| R904R | 0RD6200F609 | 620 OHM 1/6 W 5.00% |
| R905 | 0RD2200F609 | 220 OHM 1/6 W 5.00% |
| R905 | 0RD4700F609 | 470 OHM 1/6 W 0.05 |
| R905B | 0RD0102F609 | 10 OHM 1/6 W 5% |
| R905G | 0RD0102F609 | 10 OHM 1/6 W 5% |
| R905R | 0RD0102F609 | 10 OHM 1/6 W 5% |
| R906 | 0RD0622F609 | 62 OHM 1/6 W 5.00% |
| R906B | 0RD2701F609 | 2.7K OHM 1/6 W 5% |
| R906G | 0RD2701F609 | 2.7K OHM 1/6 W 5% |
| R906R | 0RD2701F609 | 2.7K OHM 1/6 W 5% |
| R907 | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R907B | 0RD1203F609 | 120K OHM 1/6 W 5.00% |
| R907G | 0RD1203F609 | 120K OHM 1/6 W 5.00% |
| R907R | 0RD1203F609 | 120K OHM 1/6 W 5.00% |
| R908 | 0RD0472F609 | 47 OHM 1/6 W 5% |
| R908B | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R908G | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R908R | 0RD1001F609 | 1K OHM 1/6 W 5% |
| R909B | 0RS4702K607 | 47K OHM 2 W 5.00% |
| R909G | 0RS4702K607 | 47K OHM 2 W 5.00% |
| R909R | 0RS4702K607 | 47K OHM 2 W 5.00% |
| R910B | 180-C02P | 220OHM 1/2 W 5% |
| R910G | 180-C02P | 220OHM 1/2 W 5% |
| R910R | 180-C02P | 220OHM 1/2 W 5% |
| R911 | 0RS4700K607 | 470 OHM 2 W 5.00% |
| R911B | 0RD1002H609 | 10K OHM 1/2 W 5.00% |
| R911G | 0RD1002H609 | 10K OHM 1/2 W 5.00% |
| R911R | 0RD1002H609 | 10K OHM 1/2 W 5.00% |
| R912 | 0RS4700K607 | 470 OHM 2 W 5.00% |
| R912B | 0RD1004H609 | 1M OHM 1/2 W 5.00% |
| R912G | 0RD1004H609 | 1M OHM 1/2 W 5.00% |
| R912R | 0RD1004H609 | 1M OHM 1/2 W 5.00% |
| R913 | 0RS4700K607 | 470 OHM 2 W 5.00% |
| R913B | 0RF0470H609 | 0.47 OHM 1/2 W 5.00% |
| R913G | 0RF0470H609 | 0.47 OHM 1/2 W 5.00% |
| R913R | 0RF0470H609 | 0.47 OHM 1/2 W 5.00% |
| R914B | 0RKZVTA001K | 0.47M OHM 1/2 W 5% |
| R914G | 0RKZVTA001K | 0.47M OHM 1/2 W 5% |
| R914R | 0RKZVTA001K | 0.47M OHM 1/2 W 5% |
| R915B | 0RD1003H609 | 100K OHM 1/2 W 5.00% |

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| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R915G | 0RD1003H609 | 100K OHM 1/2 W 5.00% |
| R915R | 0RD1003H609 | 100K OHM 1/2 W 5.00% |
| R916B | 0RD3900F609 | 390 OHM 1/6 W 5% |
| R916G | 0RD3900F609 | 390 OHM 1/6 W 5% |
| R916R | 0RD3900F609 | 390 OHM 1/6 W 5% |
| R917G | 0RD2402F609 | 24K OHM 1/6 W 5.00% |
| R918G | 0RD1002F609 | 10K OHM 1/6 W 5% |
| R919B | 0RD6201F609 | 6.2K OHM 1/6 W 5.00% |
| R919G | 0RD6201F609 | 6.2K OHM 1/6 W 5.00% |
| R919R | 0RD6201F609 | 6.2K OHM 1/6 W 5.00% |
| R920B | 0RD1101F609 | 1.1K OHM 1/6 W 5.00% |
| R920G | 0RD1101F609 | 1.1K OHM 1/6 W 5.00% |
| R920R | 0RD1101F609 | 1.1K OHM 1/6 W 5.00% |
| R921B | 0RD2001F609 | 2K OHM 1/6 W 5% |
| R921G | 0RD2001F609 | 2K OHM 1/6 W 5% |
| R921R | 0RD2001F609 | 2K OHM 1/6 W 5% |
| R922B | 0RF0102K607 | 10 2W 5% |
| R922G | 0RF0102K607 | 10 2W 5% |
| R922R | 0RF0102K607 | 10 2W 5% |
| R923B | 0RCZVTA002E | 4.7K OHM 1/2 W 10% . |
| R923G | 0RCZVTA002E | 4.7K OHM 1/2 W 10% . |
| R923R | 0RCZVTA002E | 4.7K OHM 1/2 W 10% . |
| R925B | 0RD1002F609 | 10K OHM 1/6 W 5% |
| R925G | 0RD1002F609 | 10K OHM 1/6 W 5% |
| R926B | 180-C02P | 220OHM 1/2 W 5% |
| R926B | 180-C02Q | 330OHM 1/2 W 5% |
| R926G | 180-C02Q | 330OHM 1/2 W 5% |
| R926G | 180-C02P | 220OHM 1/2 W 5% |
| R926R | 180-C02Q | 330OHM 1/2 W 5% |
| R926R | 180-C02P | 220OHM 1/2 W 5% |
| RT01 | 0RD8200F609 | 820 OHM 1/6 W 5.00% |
| RT03 | 0RD4700F609 | 470 OHM 1/6 W 0.05 |
| RT04 | 0RD4700F609 | 470 OHM 1/6 W 0.05 |
| RT05 | 0RD1002F609 | 10K OHM 1/6 W 5% |
| RT07 | 0RD1000F609 | 100 OHM 1/6 W 5% |
| RT08 | 0RD1000F609 | 100 OHM 1/6 W 5% |
| RT09 | 0RD1000F609 | 100 OHM 1/6 W 5% |
| RT10 | 0RD1000F609 | 100 OHM 1/6 W 5% |
| RT11 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| RT12 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| RT13 | 0RD1000F609 | 100 OHM 1/6 W 5% |
| RT14 | 0RD1000F609 | 100 OHM 1/6 W 5% |
| RT15 | 0RD1000F609 | 100 OHM 1/6 W 5% |
| RT16 | 0RD1000F609 | 100 OHM 1/6 W 5% |
| RT17 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| RT18 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| RT19 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| RT20 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| RT21 | 0RD4701F609 | 4.7K OHM 1/6 W 5% |
| RT22 | 0RD1000F609 | 100 OHM 1/6 W 5% |
| RX644 | 180-777H | RWR 7W 910 J VERT |
| VR401 | 0RV1103D550 | 10K OHM 6 AG L3P5, 2.5 |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| **SPARK GAP** | | |
| SG401 | 6918VAX002B | SPARK GAP,SSA102NA1 1000V 30% |
| SG402 | 6918VAX002B | SPARK GAP,SSA102NA1 1000V 30% |
| SG901B | 6918VAX002D | SPARK GAP,WSP301M 300V 20% |
| SG901G | 6918VAX002D | SPARK GAP,WSP301M 300V 20% |
| SG901R | 6918VAX002D | SPARK GAP,WSP301M 300V 20% |
| SG902B | 6918VAX002B | SPARK GAP,SSA102NA1 1000V 30% |
| SG902G | 6918VAX002B | SPARK GAP,SSA102NA1 1000V 30% |
| SG902R | 6918VAX002B | SPARK GAP,SSA102NA1 1000V 30% |
| SG903B | 6918VAX002D | SPARK GAP,WSP301M 300V 20% |
| SG903G | 6918VAX002D | SPARK GAP,WSP301M 300V 20% |
| SG903R | 6918VAX002D | SPARK GAP,WSP301M 300V 20% |
| **SWITCH** | | |
| SW801S | 140-289A | SWITCH,PUSH POWER SDDF3PASP013 |
| SWT01 | 140-313B | SWITCH,TACT 2LEAD 160G |
| SWT02 | 140-313B | SWITCH,TACT 2LEAD 160G |
| SWT03 | 140-313B | SWITCH,TACT 2LEAD 160G |
| SWT04 | 140-313B | SWITCH,TACT 2LEAD 160G |
| SWT05 | 140-313B | SWITCH,TACT 2LEAD 160G |
| SWT06 | 140-313B | SWITCH,TACT 2LEAD 160G |
| SWT07 | 140-313B | SWITCH,TACT 2LEAD 160G |
| SWT08 | 140-313B | SWITCH,TACT 2LEAD 160G |
| **CRYSTAL & FILTER** | | |
| FB2000 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB2001 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB2002 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB2003 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB2004 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB2005 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB2006 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB2007 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB2008 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB2009 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB2010 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB2011 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB401 | 125-123A | FILTER,EMC FERRITE BFD3565R2F |
| FB402 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB403 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB801 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB802 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB803 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB805 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB841 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB851 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB852 | 125-123A | FILTER,EMC FERRITE BFD3565R2F |
| FB861 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB871 | 125-123A | FILTER,EMC FERRITE BFD3565R2F |
| FB872 | 125-123A | FILTER,EMC FERRITE BFD3565R2F |
| FB881 | 125-123A | FILTER,EMC FERRITE BFD3565R2F |

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|---|---|---|

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| FB882 | 125-123A | FILTER,EMC FERRITE BFD3565R2F |
| FB891 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB892 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB901B | 125-123A | FILTER,EMC FERRITE BFD3565R2F |
| FB901G | 125-123A | FILTER,EMC FERRITE BFD3565R2F |
| FB901R | 125-123A | FILTER,EMC FERRITE BFD3565R2F |
| FB905B | 125-123A | FILTER,EMC FERRITE BFD3565R2F |
| FB905G | 125-123A | FILTER,EMC FERRITE BFD3565R2F |
| FB905R | 125-123A | FILTER,EMC FERRITE BFD3565R2F |
| FB931 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB932 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB933 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB934 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB935 | 125-022K | FILTER,EMC FERRITE 1UH |
| FB936 | 125-022K | FILTER,EMC FERRITE 1UH |
| L01 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L02 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L05 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L06 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L101 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L106 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L108 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L117 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L1206 | 125-022K | FILTER,EMC FERRITE 1UH |
| L2007 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2008 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2009 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2010 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2011 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2012 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2013 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2014 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2018 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2021 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2027 | 125-022K | FILTER,EMC FERRITE 1UH |
| L2028 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L205 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L206 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L206 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L260 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L262 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L263 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L264 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L1206 | 125-022K | FILTER,EMC FERRITE 1UH |
| L2007 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2008 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2009 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2010 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2011 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2012 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2013 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2014 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| L2018 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2021 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L2027 | 125-022K | FILTER,EMC FERRITE 1UH |
| L2028 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L205 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L206 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L206 | 6210TCT002B | FILTER,EMC ACB2012M300T TDK |
| L260 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L262 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L263 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L264 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L266 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L267 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L268 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L269 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L270 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L600 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L601 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L608 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L609 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L610 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L700 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L701 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| L81A | 150-F06Z | FILTER,EMC SQE3535 10MH |
| L81B | 150-F06Z | FILTER,EMC SQE3535 10MH |
| L81C | 150-F06Z | FILTER,EMC SQE3535 10MH |
| LX100 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| LX105 | 6210VC0006A | FILTER,EMC FBMH3216 HM501NT |
| X01 | 156-A01T | RESONATOR,CRYSTAL HC49U 10.000MHZ |
| X260 | 6202VDB007B | RESONATOR,CRYSTAL HC49U 20.250MHZ |
| X261 | 166-E02F | RESONATOR,CERAMIC CSBLA500KECZF09B0 |
| X262 | 156-A01E | RESONATOR,CRYSTAL HC49U 4.000MHZ |
| X500 | 6212BA2002C | RESONATOR,CERAMIC CSALA2M69G4ZF01B0 2.69MHZ |
| X600 | 156-A02R | RESONATOR,CRYSTAL HC49U 18.432MHZ |
| Z260 | 6200VKR001A | FILTER,B.P. LPF 1EA SMD H354LAIK5206 |
| Z261 | 6200VKR001B | FILTER,B.P. LPF 2EA SMD TH355LSKK5214 |
| Z262 | 6200VKR001A | FILTER,B.P. LPF 1EA SMD H354LAIK5206 |

## MISCELLANEOUS

| | | |
|---|---|---|
| F800 | 0FS5001B51D | FUSE,SLOW BLOW 5000MA 250V |
| IC01 | 381-204D | SOCKET,IC 64P(1.7819.05 AMMON) |
| NTC80A | 163-048D | THERMISTOR,KL15L2R5 +/ 15% 125V |
| NTC80B | 163-048D | THERMISTOR,KL15L2R5 +/ 15% 125V |
| PA01P | 6726VH0001A | REMOTE CONTROLLER RECEIVER,38KHZ |
| SCR1B | 5240VE0003C | LEAD SET,UL 1032 AWG 22 TWI 300 |
| SCR1G | 5240VE0003D | LEAD SET,UL 1032 AWG 22 TWI 500 |
| SCR1R | 5240VE0003J | LEAD SET,UL 1032 AWG 22 TWI 700 |
| SK901B | 381-226L | SOCKET,CPT PCS62803L 100K OHM 9PIN |
| SK901G | 381-226L | SOCKET,CPT PCS62803L 100K OHM 9PIN |
| SK901R | 381-226L | SOCKET,CPT PCS62803L 100K OHM 9PIN |
| TU100 | 6700NFNS06Q | TUNER,TAUDH101F LG INOTEK NTSC FS MAIN |
| TU101 | 6700NFNS06P | TUNER,TAFDH101P LG INOTEK NTSC FS SUB |

| For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows; | CC, CX, CK, CN : Ceramic<br>CQ : Polyestor<br>CE : Electrolytic | RD : Carbon Film<br>RS : Metal Oxide Film<br>RN : Metal Film<br>RF : Fusible |
|---|---|---|

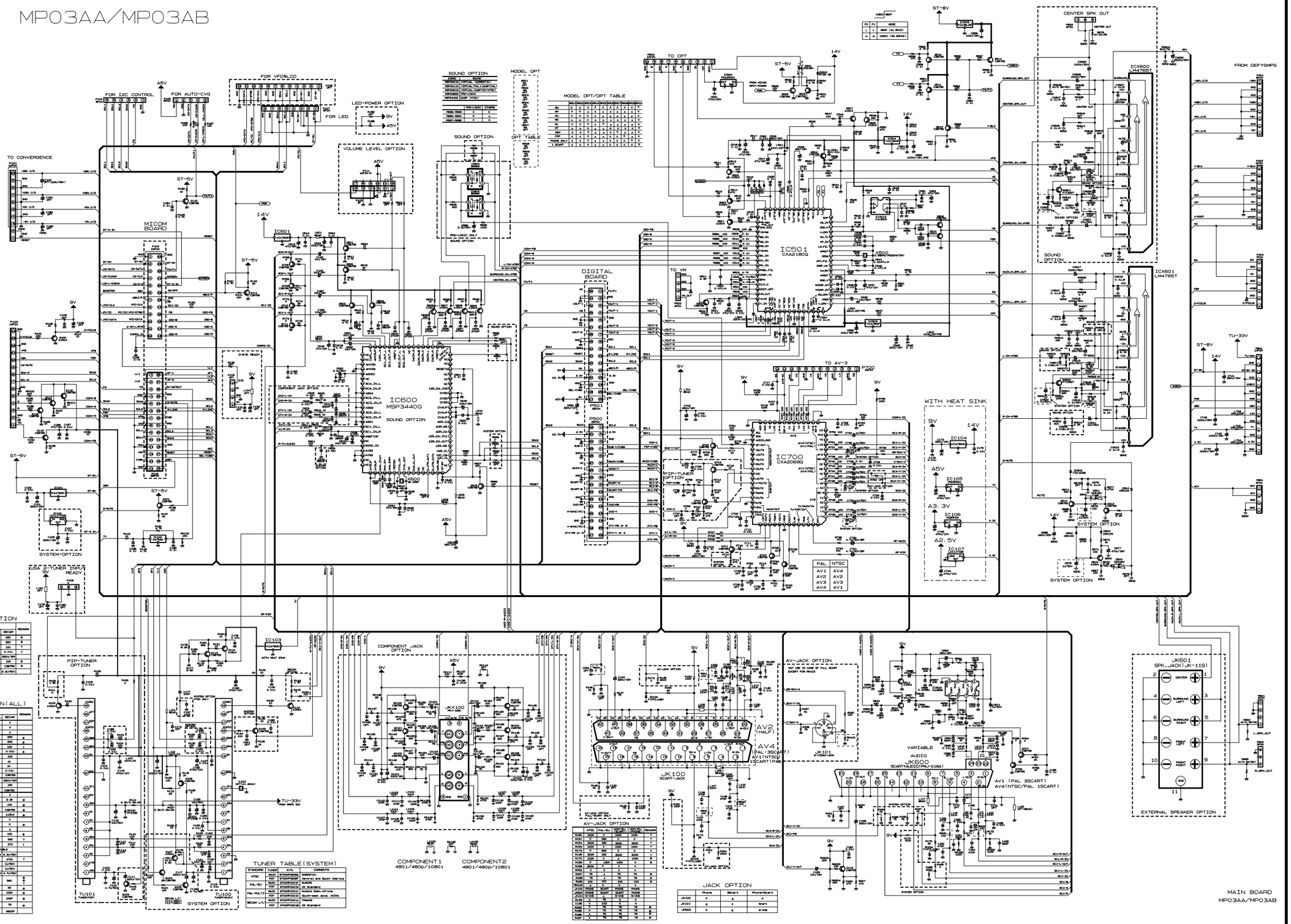
| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| VA800 | 164-003D | VARISTOR,SVC561D14A 560V 10% |
| **ACCESSORIES** | | |
| A1 | 3828VA0432B | MANUAL,OWNERS MP03AA |
| " | 3828VA0432D | MANUAL,OWNERS MP03AA *LGEMS |
| A2 | 6710V00122C | REMOTE CONTROLLER,MP03AA PIP |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|

July, 2003
P/NO : 3828VD0112X
Printed in Korea

# MAIN BOARD

## MP03AA/MP03AB




### PIP-TUNER OPTION

| REF. NO. | WATCHING TO SYSTEM | | | | REMARK |
|---|---|---|---|---|---|
| | NTSC | PAL-EU | PAL-M/L | SECAM | |
| R109 | 1.3K | 220 | 220 | 220 | B |
| R121 | 0 | 220 | 220 | 220 | T |
| R105-R104 | X | 100 | 100 | 100 | T |
| C086-C080 | X | 0.01U | 0.01U | 0.01U | T |
| C111 | X | X | X | 220U/16V | |
| R109 | X | X | X | 1K | B |
| G103 | X | X | X | C98708 | B |
| C110 | 4.7U/50V | 2.2U/50V | 2.2U/50V | 2.2U/50V | |

### SYSTEM OPTION(ALL)

| REF. NO. | SYSTEM | | | | REMARK |
|---|---|---|---|---|---|
| | NTSC | PAL-EU | PAL-M/L | SECAM | |
| IC100 | LZ11733 | X | X | X | |
| C106 | 220U/16V | X | X | X | |
| C227 | 0.01U | X | X | X | |
| R144 | 1.3K | 220 | 220 | 220 | B |
| R143 | 0 | 220 | 220 | 220 | B |
| R105-R104 | X | 100 | 100 | 100 | T |
| C085-C080 | X | 0.01U | 0.01U | 0.01U | B |
| R134 | X | X | X | 100 | |
| R135 | X | X | X | 10 | |
| R138 | X | X | X | 1K | |
| C188 | X | X | X | 0.01U | |
| G109 | X | X | X | C98708 | |
| C117 | X | X | X | 220U/16V | |
| R121 | X | X | X | 10K | |
| G105 | X | X | X | C98708 | |
| R178 | X | X | X | X | |
| R113 | 2.2K | 2.2K | 2.2K | 2.2K | B |
| R110 | 10K | 10K | 10K | 10K | B |
| G104 | C98708 | C98708 | C98708 | C98708 | B |
| G107 | A2054 | A2054 | A2054 | A2054 | B |
| C197 | 100P | X | X | X | |
| R600-R603 | X | 0 | 0 | 0 | B |
| R628-R629 | 0 | X | X | X | |
| R233 | X | 100 | X | 100 | B |
| R710 | 0 | 220 | 330 | 330 | T |
| R711 | 470 | 270 | 270 | 270 | T |
| TU101 | | NEP20 TU-M01 TUNER TABLE | | | |
| C118 | 4.7U/50V | 2.2U/50V | 2.2U/50V | 2.2U/50V | |
| R605-R606 | 330K | 470K | 470K | 470K | T |
| C676 | 33U/16V | 1U/50V | 1U/50V | 1U/50V | |
| C678 | 4.7U/16V | 1U/50V | 1U/50V | 1U/50V | |
| C2602 | 33U/16V | 4.7U/50V | 4.7U/50V | 4.7U/50V | |
| R600-R601 R602-R603 | 100 | 680 | 390 | 560 | B T |
| R604 | 0 | 22 | 22 | 22 | B |
| C600 | X | 330P | 330P | 330P | B |
| C713-C719 | X | 100P | 100P | 100P | B |
| R685-R687 R688-R687 | X | 75 | 75 | 75 | B |
| C642 | X | X | X | 680P | |

### TUNER TABLE(SYSTEM)

| STANDARD | TUNER | P/N | COMMENTS |
|---|---|---|---|
| NTSC | FEP | 8700PP0059 | DOMESTIC |
| | FEP | 8700PP0008F | Central and South America |
| PAL-EU | FEP | 8700PP0001F | EUROPE |
| | FEP | 8700PP0003B | CE Standard |
| PAL-M/L/L' | FEP | 8700PP0004C | Middle East-Africa |
| | FEP | 8700PP0003D | South-east Asia, China |
| SECAM L,L' | FEP | 8700PP0001A | FRANCE |
| | FEP | 8700PP0003B | CE Standard |

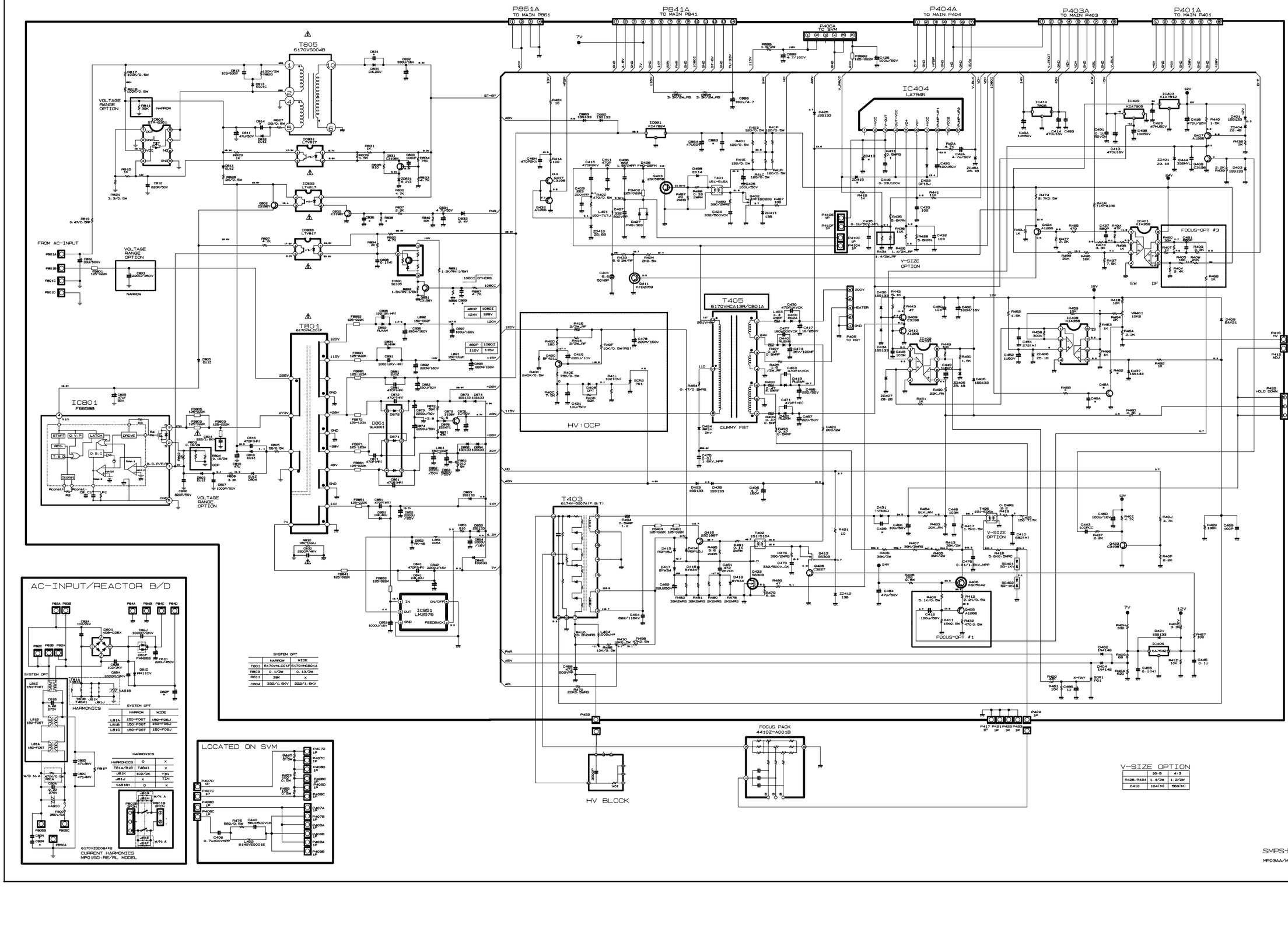
### AV-JACK OPTION

| | NTSC | PAL-EU | NTSC/PAL M/L | SECAM | REMARK |
|---|---|---|---|---|---|
| R152 | 100K | X | 820K | 100K | T |
| R151 | 0 | 10K | 0 | 0 | T |
| R154 | 200K | 33K | 200K | 200K | T |
| R153 | 100K | X | 100K | 100K | T |
| R179 | 0 | 68K | 0 | 0 | T |
| R147 | 200K | 33K | 200K | 200K | B |
| R148 | 100K | X | 100K | 100K | B |
| R156 | 200K | 130K | 130K | X | B |
| R158 | 200K | X | X | X | |
| R703 | X | 0 | X | X | |
| R207 | 75 | 75 | 75 | 75 | B |
| R188 | 75 | X | 75 | 75 | B |
| R190 | 100 | 100 | 100 | 100 | B |
| IM103 | MONO | MONO | MONO | MONO | |
| J1101 | PHONE | SCART | PHONE | PHONE | |
| J1002 | PHONE | SCART | SCART | PHONE | |
| J1101 | S-VHS | | S-VHS | S-VHS | |
| R185 | X | 75 | X | X | |
| C138 | X | 100 | 1K | 1K | |
| R183 | X | 75 | 75 | 75 | B |
| R185 | X | 75 | 75 | 75 | B |
| R187 | X | 75 | 75 | 75 | B |

### JACK OPTION

| | Phone | 3Scart | Phone+Scart |
|---|---|---|---|
| JK100 | P | S | P |
| JK101 | S | X | Scart |
| JK600 | P | S | S-VHS |

# SMPS+DEF B/D MP-03AA/AB




| SYSTEM OPT | NARROW | WIDE |
|---|---|---|
| T801 | 6170VMLC01F | 6170VMCB01A |
| R803 | 0.1/2W | 0.13/2W |
| R811 | 39K | x |
| C804 | 332/1.6KV | 222/1.6KV |

| SYSTEM OPT | NARROW | WIDE |
|---|---|---|
| L81A | 150-F06T | 150-F06J |
| L81B | 150-F06T | 150-F06J |
| L81C | 150-F06T | 150-F06J |

| HARMONICS | O | X |
|---|---|---|
| T81A/81B | T4841 | X |
| J81K | 102/2K | T1N |
| J81J | X | T1N |
| VA8181 | O | X |

| V-SIZE OPTION | 16:9 | 4:3 |
|---|---|---|
| R426-R434 | 1.4/2W | 1.2/2W |
| C410 | 104(1H) | 563(1H) |

# DIGITAL BOARD
## MP03AA/MP03AB

W/ 3D-COMB FILTER OPTION

IC200
UPD64084

IC262
VSP9427B

IC265
LGDT1000B

IC266
CXA2151Q

IC263
LA7217M

IC264
74LS157

IC261
IC260
IC259

Z200 K5202
Z201 K5202
Z202 K5225
Z261 H956LNK
Z262 H954LA1
Z260 H954LA1

X260 20.25M-Z
X261 50000Z
X262 4MHZ

H-FILTER OPTION

COMPONENT OPTION

DVI&PC OPTION

PC OPTION

P262

JK260
PC-D-SUB

P260 32PIN

P261 32PIN

SYSTEM OPTION

DVI&(PC) OPTION

(DVI)&PC OPTION

W/O 3D-COMB

OPTION FOR 480I/P MODE DETECTION

*RELATED TO (A)

3D-COMB(PIP) SELECTION

| | 3D-COMB | OTHERS |
|---|---|---|
| R262 | 0 | x |
| R263 | x | 0 |

H-FILTER(LGDT1000B)

| | USED | UNUSED |
|---|---|---|
| R283 | x | 100 |
| R285 | x | 100 |
| R300 | 100 | x |
| R301 | 100 | x |
| | USED | UNUSED |
| R281 | x | 100 |
| R282 | x | 100 |
| R287 | x | 100 |

DVI&PC OPTION(ALL)

| REF.NO | W/ DVI W/O PC | W/ DVI W/O DVI | W/O DVI W/O DVI |
|---|---|---|---|
| R360~R361 | 75 | 0 | 0 |
| R362 | 75 | x | x |
| R335~R339 | 0 | 75 | 75 |
| R337 | x | 75 | x |
| R358 | x | 100 | 100 |
| R359 | 100 | x | x |
| P262 | 11PIN | x | x |
| C359 | 220U/16V | x | x |
| C360 | 0.1U | x | x |
| JK260 | x | PC-JACK | x |
| R335~R336 | x | 10K | x |
| R363~R364 | 10K | x | x |
| C338~C349 | 0.47U | x | x |
| C353~C361 | x | 0.47U | x |
| R313~R317 | x | 100 | x |

SYNC SELECTION(CXA2151)

| | USED | UNUSED |
|---|---|---|
| R295 | x | 100 |
| R296 | x | 100 |

OPERATION OF IC264

| 1080I | SELECT | Y |
|---|---|---|
| 480P | L | A |
| | H | B |

| | w/ 3D-COMB | w/O 3D(NTSC) | w/O 3D(PAL) |
|---|---|---|---|
| R200 | x | 240 | 390 |
| R201 | x | 220 | 75 |

Double Reference

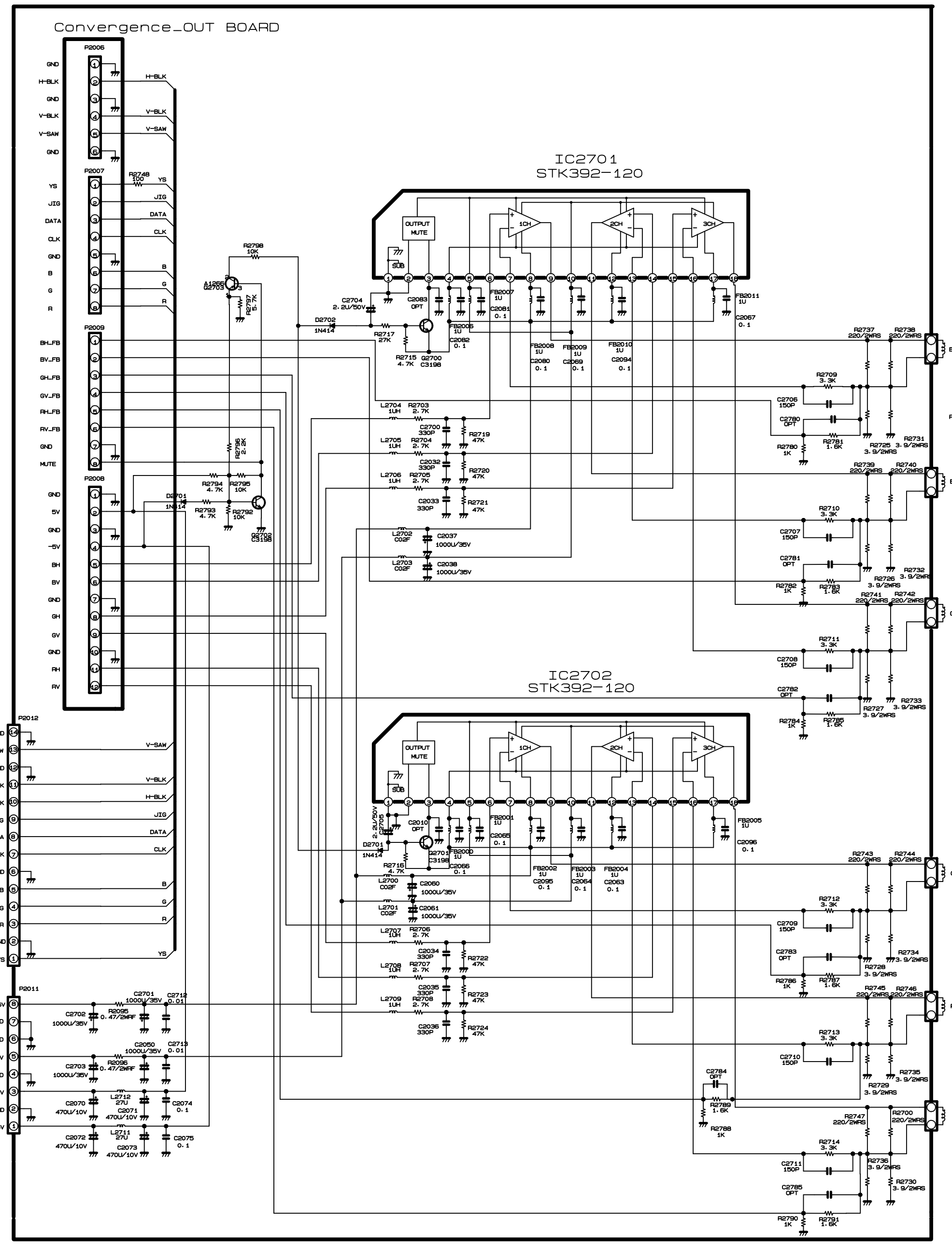
| Reference | REMARK |
|---|---|
| C200 | MAIN |
| R202 | MAIN |
| R203 | MAIN |
| R204 | MAIN |
| R205 | MAIN |
| R206 | MAIN |
| L200 | CVD |
| L205 | CONV |

| | R295 | R296 |
|---|---|---|
| NTSC | 0 | 470 |
| PAL | 0 | 470 |

| | R296 | R297 |
|---|---|---|
| NTSC | 0 | 470 |
| PAL | 0 | 470 |

DIGITAL B/D
MP03AA PRO&100HZ

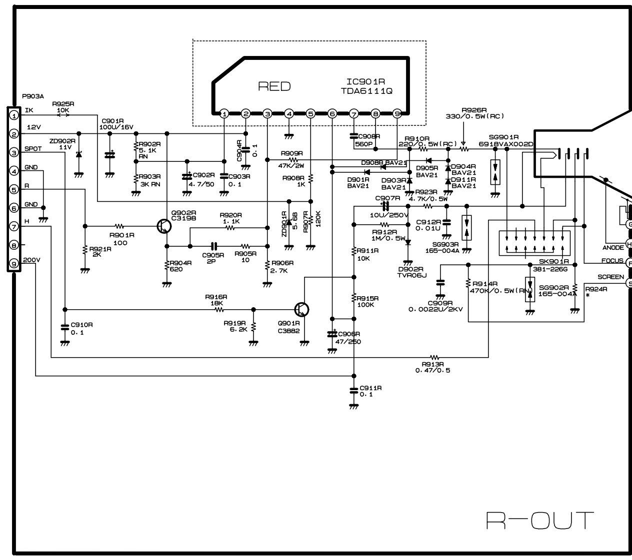
# MP03AA/AB CONVERGENCE OUT

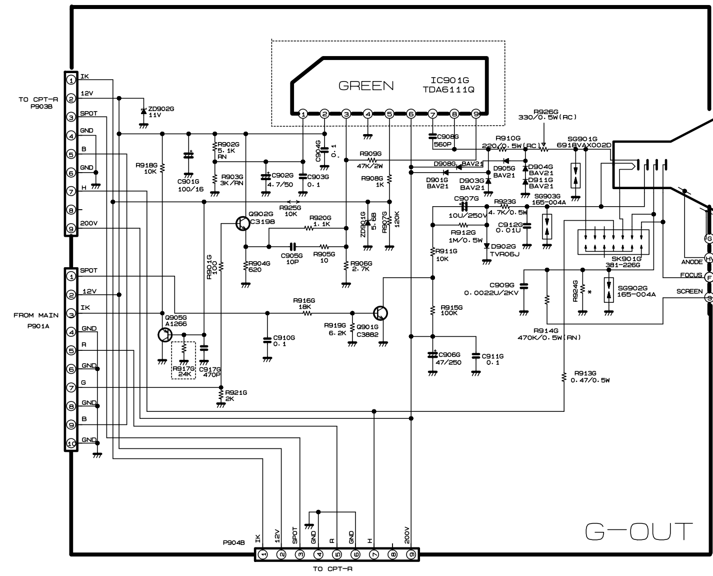



MP03AA/AB CONV OUT

RN-44NZ73H

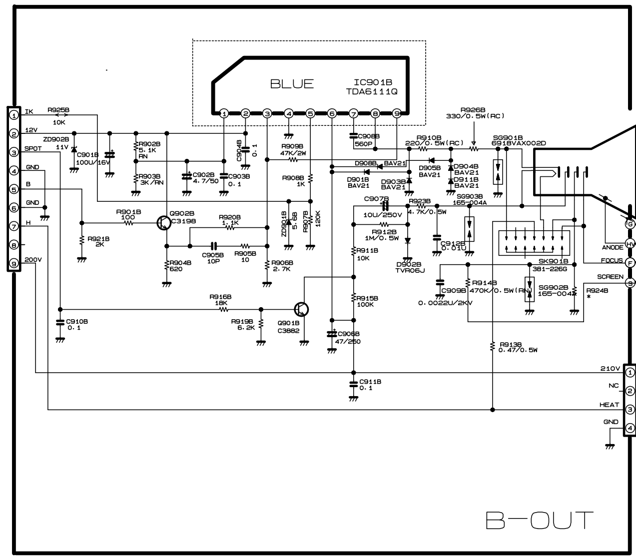
# MP03AA/AB CPT BOARD



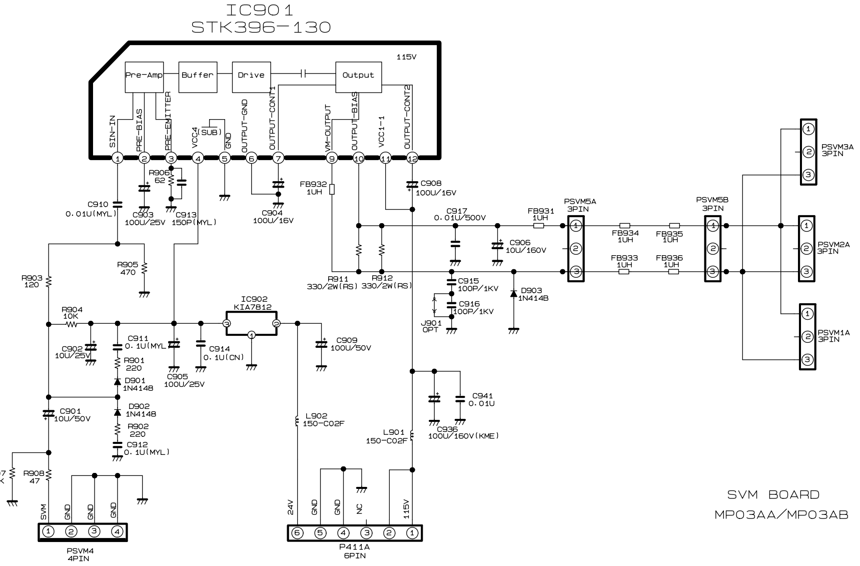

SYSTEM OPTION

| | NTSC | PAL |
|---|---|---|
| R917G | 24K | X |




CPT BOARD
MP03AA/AB

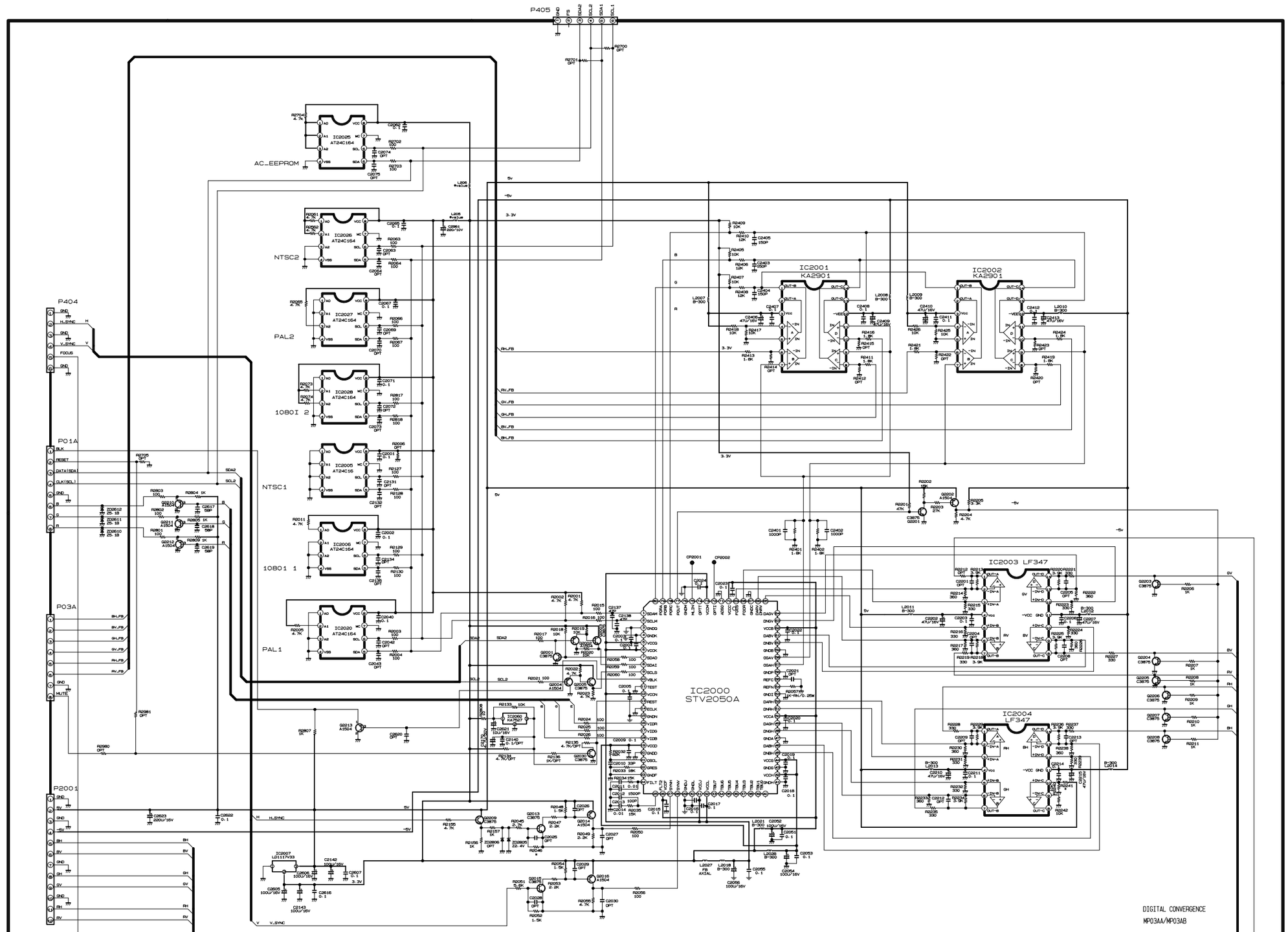
# MP03AA/AB SVM BOARD



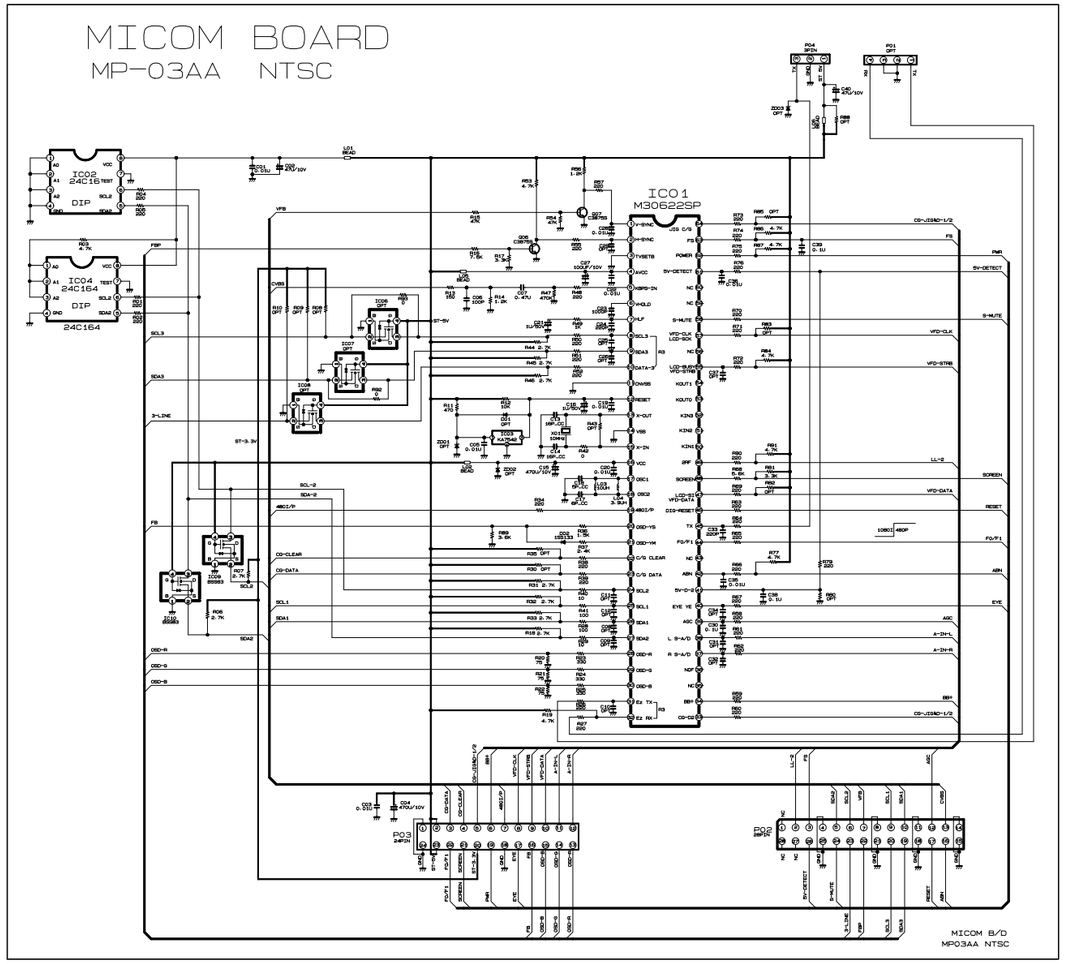
IC901
STK396-130
Pre-Amp
Buffer
Drive
Output
115V
SIN-IN
PRE-BIAS
PRE-EMITTER
VCC4
(SUB)
GND
OUTPUT-GND
OUTPUT-CONT1
VM-OUTPUT
OUTPUT-BIAS
VCC1-1
OUTPUT-CONT2
IC902
KIA7812
PSVM5A
3PIN
PSVM5B
3PIN
PSVM3A
3PIN
PSVM2A
3PIN
PSVM1A
3PIN
PSVM4
4PIN
P411A
6PIN


SVM BOARD
MP03AA/MP03AB

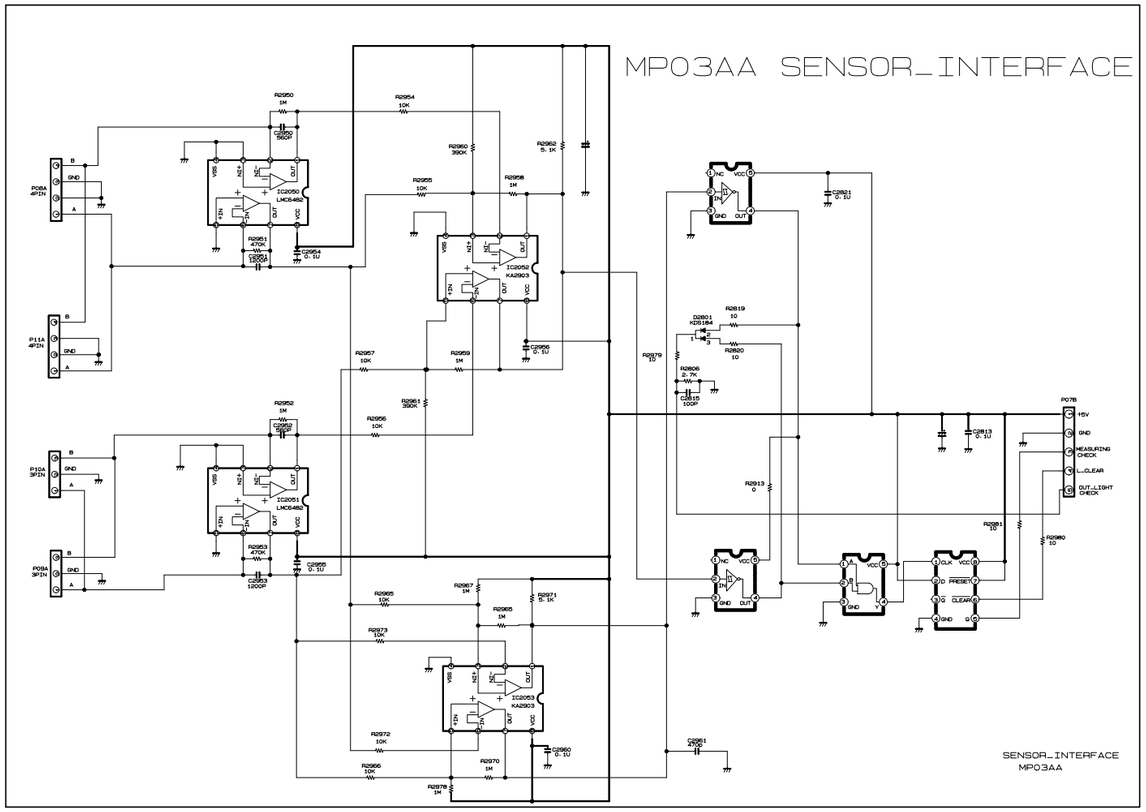
# MP03AA/AB DIGITAL CONVERGENCE



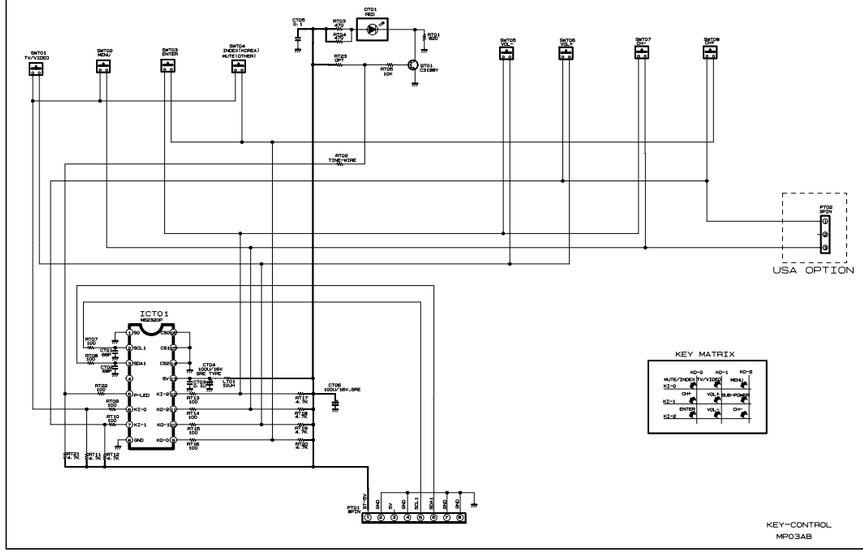
# MICOM BOARD
## MP-03AA NTSC




# MP03AA SENSOR_INTERFACE

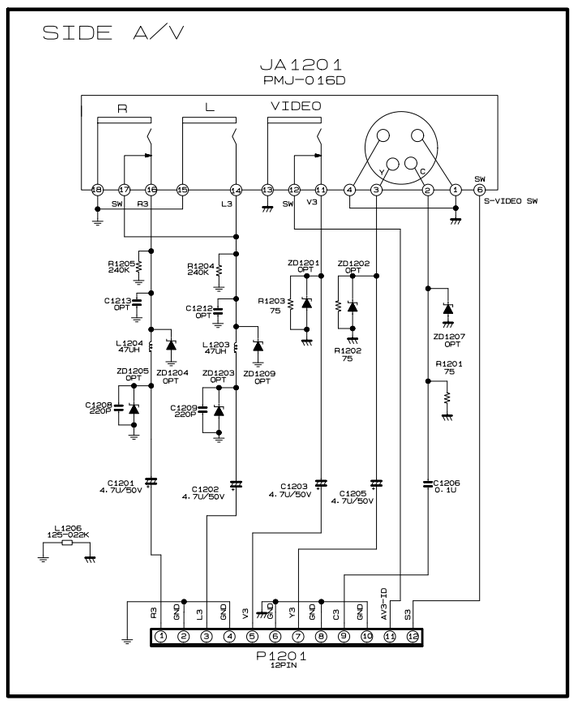


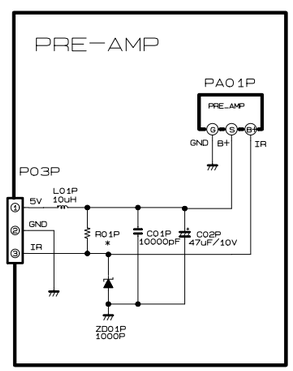

# MP-03AA/03AB KEY CONTROL
RN-44NA10H/RN-54NA10H/RP-40NZ60P/RU-40NZ60
RE-44NA14T/RE-44NA43RP/RE-39NZ60RP/RL-39NZ60RB




# MP03AA/MP03AB SIDE-AV, PRE-AMP BOARD
RE-44NA14T/RN-44NZ35H

## SIDE A/V




## PRE-AMP